



Products

Innate Immunity · Acute phase proteins · Western blot · Antimicrobial peptides · Complement Research · LPS, Microbial toxins · Flow cytometry · Scavenger receptors · TLR Assays · **Inflammation** · Adhesion molecules · Immunohistochemistry · Coagulation molecules · Cytokines · Chemokines · Antibodies · **Cell & Tissue damage** · Functional studies · Lipid binding proteins · Immunoprecipitation · Oxidative stress · Organ & Tissue related research · Proteins · Mouse mAb isotyping kits · Secondary reagents · Isotype controls



Welcome to Hycult® Biotech's Product Brochure

Hycult Biotech develops, produces and markets antibodies, antibody based products and more specifically immunoassays for innate immunity and directly related fields, with an emphasis on complement, neutrophil proteins, TLR, scavenger receptors and acute phase proteins. Furthermore, we have a strong interest in progressing research in the area of inflammation and cell damage caused by pathogens or oxidation factors.

As a leader within focussed fields of immunology and cell biology, we develop products for the life sciences and it is our ambition to facilitate the transition of some of these products from research use into diagnostic testing.

Many of our reagents are developed in close cooperation with scientists worldwide. Hycult Biotech has built a strong network with over 40 close scientific collaborations with leading international research institutes. We contribute to numerous projects and as a result, can continuously offer early access to an expanding range of innovative reagents.

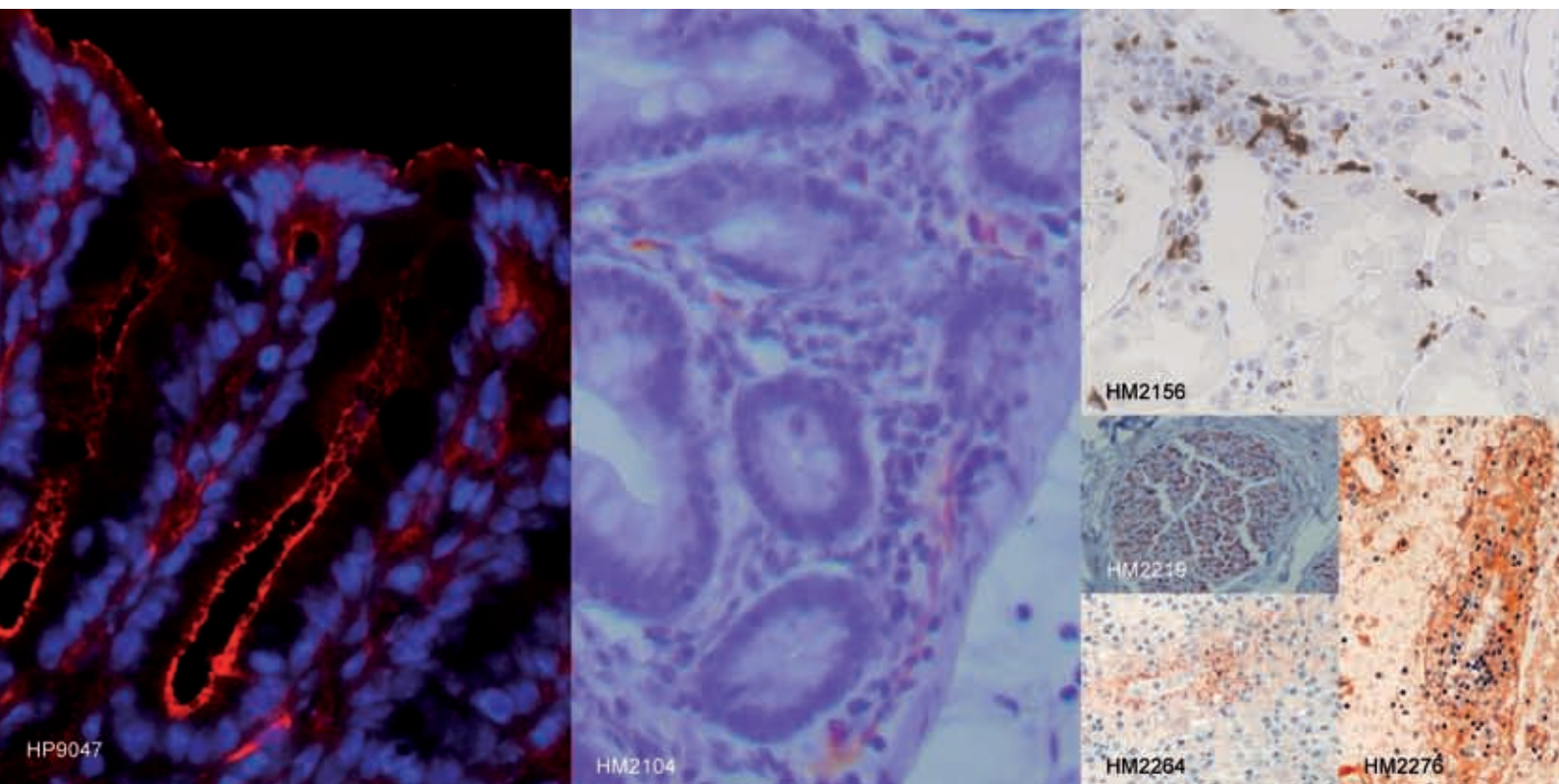
Our vision, knowledgeable team and quality management system guarantee products of the highest grade combined with excellent technical service.

Our innovative range of products is the most tangible confirmation of our success. Our team are experienced professionals in cell biology, immunology and immunological assay development combining their expertise with great commitment in addressing the practical challenges facing the end-user.

We invite you to explore our carefully selected portfolio of products! To ensure you can easily find the products of interest to you we have arranged them by field of interest and a special chapter with a selection of reagents for organ- and tissue-related research.

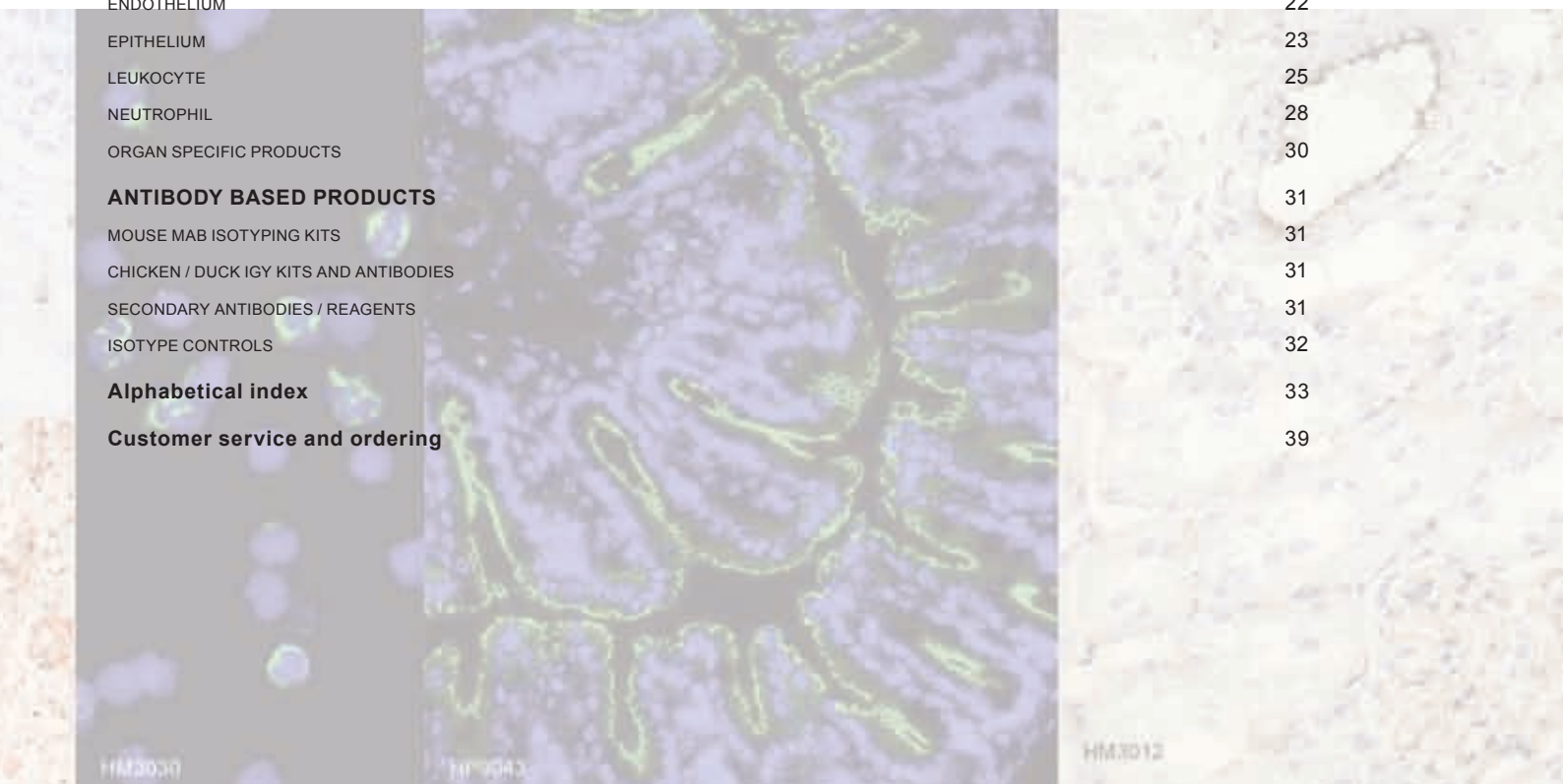
We develop many new products each year. Up-to-date information and newly added products can also be found on our website: www.hycultbiotech.com.

With kind regards,
Hycult Biotech



Index

Introduction	2
Index	3
Product information	4
INNATE IMMUNITY	5
ACUTE PHASE PROTEINS	5
ANTIMICROBIAL PEPTIDES	5
COMPLEMENT AND COLLECTINS	7
LPS, MICROBIAL TOXINS	9
SCAVENGER RECEPTORS AND LECTIN-LIKE MOLECULES	11
TOLL-LIKE RECEPTORS	12
INFLAMMATION	14
ADHESION MOLECULES	14
COAGULATION MOLECULES	15
CYTOKINES, CHEMOKINES	16
CELL AND TISSUE DAMAGE	19
CELL- AND TISSUE- DAMAGE	19
LIPID-BINDING PROTEINS	20
OXIDATIVE STRESS	21
ORGAN- AND TISSUE- RELATED RESEARCH	22
ENDOTHELIUM	22
EPITHELIUM	23
LEUKOCYTE	25
NEUTROPHIL	28
ORGAN SPECIFIC PRODUCTS	30
ANTIBODY BASED PRODUCTS	31
MOUSE MAB ISOTYPING KITS	31
CHICKEN / DUCK IGY KITS AND ANTIBODIES	31
SECONDARY ANTIBODIES / REAGENTS	31
ISOTYPE CONTROLS	32
Alphabetical index	33
Customer service and ordering	39



Product information

This Product Brochure gives an overview of Hycult Biotech's products and the applications for which they can be used. A general description regarding our products is provided below. All of our products are delivered with as much specific information as possible. All of our products are for research purposes only. Not for drug, diagnostic or other use.

For further details please visit our website.

ELISA kit

A Hycult Biotech Enzyme-Linked Immuno Sorbent Assay (ELISA) kit contains several components. In general a kit consists of a wash buffer and dilution buffer, standard, tracer, streptavidin peroxidase conjugate, substrate solution, stop solution, and pre-coated microtiter strips. The actual number of components in each ELISA is kit dependent.

We aim to ensure that enough material is provided in each kit to perform several experiments. For example we make sure that at least 4 – 6 standard curves can be produced with the amount of standard provided. Furthermore, the standard serves as a positive control.

Our ELISA kits also contain a detailed and user friendly manual, a Certificate of Quality Control (CoQC), a data collection sheet, an additional frame for the microtiter strips and covers for the plates. The manual and CoQC are product and batch specific and are a guideline for performing the assay.

All components present in our kits are batch specific and optimized collectively. When producing a new batch we work internally to a variation of less than 10% between batches. This ensures that the quality of our products is consistent.

Monoclonal and polyclonal antibodies

Mono- and polyclonal antibodies are delivered with a Technical Datasheet, which contains general information regarding the antibody, subclass, formulation, application, storage and stability, and references. For applications we advise a typical starting dilution of 1:50. However, it is recommended that users determine their own optimal dilutions. We perform Quality Control on all of our products to ensure we provide consistent quality.

For more specific information regarding any of our products, please look at the relevant datasheet on our website: www.hycultbiotech.com or contact our Technical Support department: support@hycultbiotech.com.

In this Product Brochure the following abbreviations for the applications will be cited:

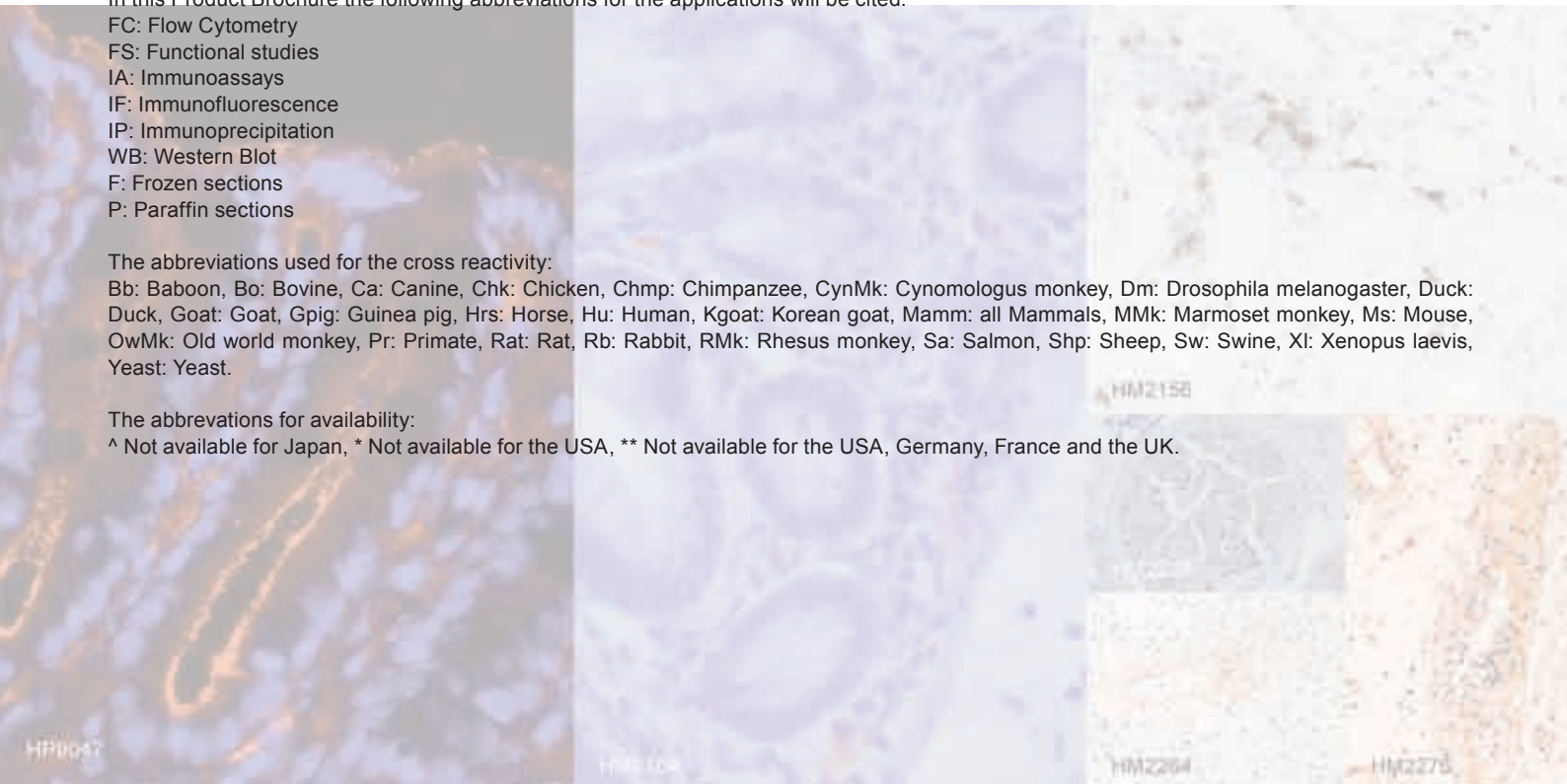
FC: Flow Cytometry
FS: Functional studies
IA: Immunoassays
IF: Immunofluorescence
IP: Immunoprecipitation
WB: Western Blot
F: Frozen sections
P: Paraffin sections

The abbreviations used for the cross reactivity:

Bb: Baboon, Bo: Bovine, Ca: Canine, Chk: Chicken, Chmp: Chimpanzee, CynMk: Cynomolgus monkey, Dm: Drosophila melanogaster, Duck: Duck, Goat: Goat, Gpig: Guinea pig, Hrs: Horse, Hu: Human, Kgoat: Korean goat, Mamm: all Mammals, MMk: Marmoset monkey, Ms: Mouse, OmMk: Old world monkey, Pr: Primate, Rat: Rat, Rb: Rabbit, RMk: Rhesus monkey, Sa: Salmon, Shp: Sheep, Sw: Swine, Xl: Xenopus laevis, Yeast: Yeast.

The abbreviations for availability:

^ Not available for Japan, * Not available for the USA, ** Not available for the USA, Germany, France and the UK.



INNATE IMMUNITY

ACUTE PHASE PROTEINS

Acute phase proteins (APPs) are serum proteins whose levels change in response to inflammation, which makes them useful indicators for stress and disease. The functions of APPs remain largely unresolved. Nevertheless, various roles have been postulated, including opsonisation of foreign organisms and particles, and regulation of inflammatory processes. Examples of the latter are LPS-binding protein (LBP) and serum amyloid A (SAA), both involved in the inflammatory response to LPS. Elevation of C-reactive protein (CRP) levels relates to a number of diseases, including atherosclerosis, rheumatoid arthritis and sepsis, making this APP an important indicator of inflammation. Another well-characterized APP is mannose-binding lectin (MBL), which activates the lectin complement pathway and is therefore an important element in innate immunity.

ASSAYS

Name	Quantity	Cat.#
LBP, Human, ELISA kit	2 x 96 det.	HK315
LBP, Mouse, ELISA kit	2 x 96 det.	HK205
LBP, various species, ELISA kit	1 x 96 det.	HK503
MBL, Human, ELISA kit	2 x 96 det.	HK323
MBL-A, Mouse, ELISA kit	2 x 96 det.	HK208
MBL-C, Mouse, ELISA kit	2 x 96 det.	HK209
Pentraxin 3, Human, ELISA kit	2 x 96 det.	HK347

PROTEINS / PEPTIDES

Name	Quantity	Cat.#
LBP, Human, Peptide	100 µg	HC4030-01
LBP, Human, Peptide	0.5 mg	HC4030-05
LBP, Human, Peptide	1.0 mg	HC4030-10
LBP, Human, Purified, Natural	10 µg	HC4010

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
LBP, Human	6G3	Bo, Ca, Goat, Mk, Rb, Rat, Shp, Sw	100 µg	FS IA IP	HM2043
LBP, Human	1C7		100 µg	FS IA IP	HM2044
LBP, Human	pAb		100 µg	IA IP W	HP9023
LBP, Mouse	M330-19		100 µg	FS IA W	HM1026
LBP, Mouse	RR433-8		100 µg	FS IA W	HM1027
LBP, Mouse	M392-2		100 µg	IA W	HM1028
MBL, Human	3E7		100 µg	FS F FC IA W	HM2061
MBL, Human	D8.18		100 µg	FC IA W	HM2081
MBL, Human, biotinylated	D8.18		50 µg	FC IA W	HM2082
MBL, Human, FITC	3E7		100 µg	F FC IA W	HM2061F
MBL-A, Mouse	8G6		100 µg	F IA W	HM1035
MBL-A, Mouse	2B4		100 µg	IA W	HM1036
MBL-C, Mouse	16A8		100 µg	IA W	HM1037
MBL-C, Mouse	14D12		100 µg	F IA W	HM1038
Pentraxin 3, Human	MNB1		100 µg	F IA IP P W	HM2241
Pentraxin 3, Human	MNB4		100 µg	F FC IA IP P W IF	HM2242
SAA-1, Human	Reu 86.1		100 µg	F IA P	HM2100
SAA-1, Human	Reu 86.5		100 µg	F IA P	HM2101

ANTIMICROBIAL PEPTIDES

Antimicrobial peptides and proteins form an important means of innate host defense in eukaryotes. They have a broad ability to kill microbes. Large antimicrobial proteins (>100 amino acids) are often lytic enzymes, nutrient-binding proteins or contain sites that target specific microbial macromolecules. Small antimicrobial peptides affect the structure and/or function of microbial cell membranes. A multitude of antimicrobial peptides has been found in epithelial layers, phagocytes and body fluids of multicellular animals including man. Beside their role as endogenous antibiotics, antimicrobial peptides are involved in cytokine release, chemotaxis, angiogenesis, wound repair, and regulation of the adaptive immune system.

ASSAYS

Name	Quantity	Cat.#
BPI, Human, ELISA kit	2 x 96 det.	HK314
Calprotectin, Human, ELISA kit	2 x 96 det.	HK325
Elafin, Human, ELISA kit	2 x 96 det.	HK318

ANTIMICROBIAL PEPTIDES

ASSAYS

Name	Cross reactivity	Quantity	Cat.#
Elastase, Human, ELISA kit		2 x 96 det.	HK319
HNP1-3, Human, ELISA kit	RMk	2 x 96 det.	HK317
Lactoferrin, Human, ELISA kit		2 x 96 det.	HK329
LBP, Human, ELISA kit		2 x 96 det.	HK315
LBP, Mouse, ELISA kit		2 x 96 det.	HK205
LBP, various species, ELISA kit		1 x 96 det.	HK503
LL-37, Human, ELISA kit		2 x 96 det.	HK321
MPO, Human, ELISA kit		2 x 96 det.	HK324
MPO, Mouse, ELISA kit		2 x 96 det.	HK210
MPO, Rat, ELISA kit		2 x 96 det.	HK105
NGAL, Human, ELISA kit		2 x 96 det.	HK330
SLPI, Human, ELISA kit		2 x 96 det.	HK316

PROTEINS / PEPTIDES

Name	Quantity	Cat.#
CHIPS	10 µg	HC4012
Elafin, Human, Recombinant	50 µg	HC4011
HNP1-3, Human, Natural	100 µg	HC4014
LBP, Human, Peptide	100 µg	HC4030-01
LBP, Human, Peptide	0.5 mg	HC4030-05
LBP, Human, Peptide	1.0 mg	HC4030-10
LBP, Human, Purified, Natural	10 µg	HC4010
LL-37, Human, Peptide	50 µg	HC4013

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
Alpha-Defensin 5, Human	8C8		100 µg	F IA W	HM2228
BPI, Human	3F9		100 µg	IA	HM2041
BPI, Human	4H5		100 µg	IA	HM2042
BPI, Human	4E3		100 µg	FS FC IA	HM2170
BPI, Human	pAb		100 µg	IA IP	HP9022
Calprotectin, Human	27E10	RMk	100 µg	F FC IA IP P W	HM2156
Calprotectin, Human, biotinylated	27E10	RMk	50 µg	F FC IA P W	HM2156BT
Calprotectin, Human, FITC	27E10	RMk	100 µg	F FC IA P W	HM2156F
CHIPS c-terminus	JCC1		100 µg	FS F FC IA P W	HM6003
CHIPS n-terminus	JNC1		100 µg	FS F FC IA P W	HM6004
CRISP-3, Human	pAb		100 µg	IA P W	HP9033
Elafin, Human	TRAB2O		100 µg	IA P W	HM2062
Elafin, Human	TRAB2F		100 µg	IA P W	HM2063
Elafin, Human	pAb		1 ml	IA P W	HP9025
Elastase, Human	265-3K1		100 µg	IA W	HM2174
Elastase, Human	pAb		100 µg	IA	HP9027
Galectin-3, Human	B2C10	Ms	100 µg	F FC FS IA P W	HM2186
HNP1-3, Human	D21	RMk	100 µg	F FC IA P W	HM2058
HNP1-3, Human, biotinylated	D21	RMk	50 µg	F FC IA P W	HM2059
Lactoferricin, Bovine	5F12.1.2		100 µg	IA W	HM4012
Lactoferrin, Bovine	a-bC-lobe	Hu, Kgoat	100 µg	IA W	HM4013
Lactoferrin, Bovine	pAb		100 µg	IA IP W	HP7001
Lactoferrin, Human	265-1K1		100 µg	F IA W	HM2173
Lactoferrin, Human	pAb		100 µg	IA IP W	HP9034
LBP, Human	6G3	Bo, Ca, Goat, Mk, Rb, Rat, Shp, Sw	100 µg	FS IA IP	HM2043
LBP, Human	1C7		100 µg	FS IA IP	HM2044
LBP, Human	pAb		100 µg	IA IP W	HP9023
LBP, Mouse	M330-19		100 µg	FS IA W	HM1026
LBP, Mouse	RR433-8		100 µg	FS IA W	HM1027
LBP, Mouse	M392-2		100 µg	IA W	HM1028
LL-37/CAP18, Human	3D11		100 µg	P	HM2070
LL-37/CAP18, Human	1-1C12		100 µg	W	HM2071
Lysozyme, Human	pAb		100 µg	IA IP W	HP9035

ANTIMICROBIAL PEPTIDES

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
Mannose receptor, Human	15-2		100 µg	F FC FS IA IP W	HM2056
Mannose receptor, Human, biotinylated	15-2		50 µg	F FC IA W	HM2057
Mannose receptor, Mouse	MR5D3		100 µg	F FC IP W	HM1049
MPO, Human	266-6K1		100 µg	F IA W	HM2164
MPO, Human, biotinylated	266-6K1		50 µg	F IA W	HM2164BT
MPO, Human, FITC	266-6K1		100 µg	F IA W	HM2164F
MPO, Human	pAb	Ms, Rat	1 ml	F IA P	HP9048
MPO, Mouse	8F4	Rat	100 µg	F FC IA	HM1051
MPO, Mouse, biotinylated	8F4	Rat	50 µg	F FC IA	HM1051BT
MPO, Mouse, FITC	8F4	Rat	100 µg	F FC IA	HM1051F
MPO, Rat	2D4	Ms	100 µg	F FC IA IF	HM3030
MPO, Rat, biotinylated	2D4	Ms	50 µg	F FC IA IF	HM3030BT
MPO, Rat, FITC	2D4	Ms	100 µg	F FC IA IF	HM3030F
Neutrophil defensin 5, Rabbit	R3		100 µg	F FC IA P W	HM4008
NGAL, Human	697		100 µg	IA IF	HM2193
Polymyxin B	45		> 200 µg	IA W	HM2047
Proteinase 3, Human	WGM2		100 µg	FS F FC IA P W	HM2171
Proteinase 3, Human, FITC	WGM2		100 µg	F FC IA P W	HM2171F
Proteinase 3, Human	PR3G-2		100 µg	F FC IA W	HM2172
Proteinase 3, Human, FITC	PR3G-2		100 µg	F FC IA W	HM2172F
SLPI, Human	31		100 µg	F IA IP P W	HM2037
SLPI, Human, biotinylated	31		50 µg	F IA P W	HM2038
SLPI, Human	pAb		100 µg	IA IP W	HP9024

COMPLEMENT AND COLLECTINS

The complement system plays an important role in both innate and adaptive immunity. The collectins are an essential part of the innate immune defense system. The collectin Mannose-Binding Lectin (MBL) (also called mannan-binding lectin, mannose- or mannan-binding protein (MBP)) is an integral part of the complement system.

ASSAYS

Name	Quantity	Cat.#
Factor H, Y402H variant detection, Human, ELISA kit	1 x 96 det.	HK353
Factor H, Human, ELISA kit	2 x 96 det.	HK342
H-Ficolin, Human, ELISA kit	2 x 96 det.	HK340
L-Ficolin, Human, ELISA kit	2 x 96 det.	HK336
MASP-2, Human ELISA kit	2 x 96 det.	HK326
MASP-3, Human, ELISA kit	2 x 96 det.	HK339
MBL, Human, ELISA kit	2 x 96 det.	HK323
MBL/MASP-2, Human, ELISA kit	2 x 96 det.	HK327
MBL-A, Mouse, ELISA kit	2 x 96 det.	HK208
MBL-C, Mouse, ELISA kit	2 x 96 det.	HK209
SP-D, Human, ELISA kit	2 x 96 det.	HK335
TCC, Human, ELISA kit	2 x 96 det.	HK328

PROTEINS / PEPTIDES

Name	Quantity	Cat.#
C5a desArg, Human, Recombinant	50 µg	HC2102
C5a desArg, Mouse, Recombinant	50 µg	HC1102
C5a, Human, Recombinant	50 µg	HC2101
C5a, Mouse, Recombinant	50 µg	HC1101
C5L2, Human, Peptide	10 µg	HC2103
C5L2, Mouse, Peptide	10 µg	HC1103
C5L2, Rat, Peptide	10 µg	HC3103
CHIPS	10 µg	HC4012

COMPLEMENT AND COLLECTINS

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
Activated C1s, Human	M241		100 µg	FS F FC IA IP P W	HM2109
Activated C3, Human	bH6		100 µg	F IA P	HM2168
Activated C3, Human	I3/15		100 µg	IA W	HM2257
C1q, Mouse	7H8		100 µg	F FC IA IP W	HM1044
C1q, Mouse	JL-1	Hu, Rat	100 µg	F FC FS IA W	HM1096
C1q, Mouse, biotinylated	JL-1	Hu, Rat	50 µg	F FC FS IA W	HM1096BT
C1q, Mouse, FITC	JL-1	Hu, Rat	100 µg	F FC FS IA W	HM1096F
C1q, Rat	pAb		100 µg	F IA IP	HP8021
C1s, Human	M81		100 µg	FS F FC IA IP P W	HM2108
C3, Mouse	11H9		100 µg	F FC IA IP W	HM1045
C3, Mouse	pAb		100 µg	F W	HP8012
C3, Rat	pAb		100 µg	IA W	HP8022
C3/C3a, C-terminus, Human	2898		100 µg	IA W	HM2075
C3/C3a, Human	474		100 µg	IA W	HM2073
C3a, Mouse	3/11		100 µg	IA W	HM1072
C3a/C3a desArg, Human	2991		100 µg	IA W	HM2074
C3aR, Human	17		100 µg	F FC	HM2195
C3aR, Rat	74		100 µg	F FC	HM3028
C3/C3b, Human	755		100 µg	IA IP W	HM2072
C3/C3b, Rat	2B10B9B2		100 µg	IA W	HM3031
C3b/iC3b/C3c, Mouse	2/11		100 µg	FS F FC IA W	HM1065
C3b/iC3b/C3c, Mouse	3/26		100 µg	FS F FC IA W	HM1078
C3c, Human	4		100 µg	IP	HM2200
C3d, Human	3		100 µg	IA IP	HM2198
C3g, Human	9		100 µg	IA IP	HM2199
C4, Mouse	16D2		100 µg	F FC IA IP W	HM1046
C4, Rat	pAb		100 µg	IA IP	HP8023
C4d, Human	12D11	Bb, Bo, RMk, Sw	100 µg	F IA W	HM2229
C4d, Human	7H4	Gpig	100 µg	F IA W	HM2230
C4d, Mouse	pAb		100 µg	F FC P W	HP8033
C4d, Rat	pAb		100 µg	F FC P W	HP8034
C5, Mouse	BB5.1		100 µg	F FS IA IP	HM1073
C5, Mouse	BB5.1		5 mg	F FS IA IP	HM1073-5b
C5, Mouse	BB5.1		10 mg	F FS IA IP	HM1073-10b
C5, Mouse	pAb		100 µg	F W	HP8013
C5/C5a, Human	557		100 µg	FS IA	HM2077
C5/C5a, N-terminus, Human	561		100 µg	FS IA IP W	HM2076
C5a/C5a desArg, Human	2942		100 µg	FS IA W	HM2078
C5a/C5a desArg, Human	2952		100 µg	FS IA W	HM2079
C5aR, Human	S5/1		100 µg	FS FC P W	HM2094
C5aR, Human	W17/1		100 µg	F FC P	HM2095
C5aR, Mouse	20/70		100 µg	FS FC	HM1076
C5aR, Mouse	10/92		100 µg	F FC	HM1077
C5aR, Rat	R63		100 µg	F FC	HM3017
C5/C5b, Human	568		100 µg	IA W	HM2080
C5b-9, Rat	2A1		100 µg	F FC IA W	HM3033
C5L2, Human	pAb		100 µg	FC	HP9036
C5L2, Mouse	pAb		100 µg	FC FS	HP8015
C5L2, Rat	pAb		100 µg	FC FS	HP8018
C6, Human	WU6-4	Rat, Pr	100 µg	FC FS IA IP P W IF	HM2276
C6, Mouse	pAb		100 µg	F W	HP8014
C6, Rat	3G11		100 µg	F IA W	HM3034
C7, Human	WU 4-15		100 µg	FC IA IP W IF	HM2277
C9 neoantigen, Human	WU13-15		100 µg	F FC IA P W	HM2264
C9, Human	X197		100 µg	FS F FC IA P W	HM2111
C9, Human, FITC	X197		100 µg	F FC IA P W	HM2111F
CD11b, Human	Bear-1		100 µg	F FC IP	HM2125
CD11b, Human, FITC	Bear-1		100 µg	F FC	HM2125F
CD21, Human	21B9		100 µg	FC W	HM2139
CD35, Human	31R		100 µg	F FC IA IP P W	HM2107

COMPLEMENT AND COLLECTINS

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
CD46, Human	M177		100 µg	FS F FC IA IP P W	HM2103
CD46, Human, FITC	M177		100 µg	F FC IA P W	HM2103F
CD55, Human	D17		100 µg	FC W	HM2105
CD55, Human, FITC	D17		100 µg	FC W	HM2105F
CD59, Human	MEM-43		100 µg	FS FC IP W	HM2120
CHIPS c-terminus	JCC1		100 µg	FS F FC IA P W	HM6003
CHIPS n-terminus	JNC1		100 µg	FS F FC IA P W	HM6004
Crry, Rat	TLD-1C11		100 µg	FS F FC W	HM3032
Crry, Rat, FITC	TLD-1C11		100 µg	F FC FS W IF	HM3032F
Factor B/Ba, Human	P21/15		100 µg	IA IP W	HM2254
Factor B/Ba, Human	M20/6		100 µg	IA IP W	HM2255
Factor B/Bb, Human	M13/12		100 µg	IA IP W	HM2256
Factor D, Human	I8/1		100 µg	IA	HM2259
Factor H, Human	C18/3		100 µg	IA W	HM2248
Factor H, Human	L20/3		100 µg	IA W	HM2249
H-Ficolin, Human	4H5		100 µg	IP	HM2089
L-Ficolin, Human	GN4		100 µg	IA IP	HM2090
L-Ficolin, Human	GN5		100 µg	IA IP W	HM2091
MASP-1, Human	1E2		100 µg	IA IP W	HM2092
MASP-1, Human	2B11		100 µg	IA IP W	HM2093
MASP-2, Human	8B5		100 µg	IA W	HM2190
MASP-2/Map19, Human	6G12		100 µg	IA W	HM2191
MASP-3, Human	38:12-3		100 µg	IA W	HM2216
MBL, Human	3E7		100 µg	FS F FC IA W	HM2061
MBL, Human, FITC	3E7		100 µg	F FC IA W	HM2061F
MBL, Human	D8.18		100 µg	FC IA W	HM2081
MBL, Human, biotinylated	D8.18		50 µg	FC IA W	HM2082
MBL-A, Mouse	8G6		100 µg	F IA W	HM1035
MBL-A, Mouse	2B4		100 µg	IA W	HM1036
MBL-C, Mouse	16A8		100 µg	IA W	HM1037
MBL-C, Mouse	14D12		100 µg	F IA W	HM1038
M-Ficolin, Human	pAb		50 µg	FC W IF	HP9039
SP-B, Human	pAb	Bo, Ms, Sw	100 µg	F IA P W	HP9049
SP-B, Swine	pAb		100 µg	IA W	HP7002
SP-C, Human	pAb	Ms	100 µg	F P W	HP9050
SP-D, Rat	IIIH3	Hu	100 µg	IA P W	HM3022
SP-D, Rat	VIF9	Hu	100 µg	IA P W	HM3023
SP-D, Rat	IVG8	Hu	100 µg	IA P W	HM3024
TCC, Human	aE11	Hrs, Sw	100 µg	F FC IA IP P	HM2167

LPS, MICROBIAL TOXINS

Endotoxin and other microbial toxins are involved in infectious diseases as well as in many other pathologies like atherosclerosis. The unraveling of the Toll-like receptor's function in immunity has raised new interest in the innate immune response to bacterial toxins. Moreover, involvement of the acute phase response with LPS-binding proteins like LBP and Serum Amyloid A (SAA), has also contributed to this attention.

ASSAYS

Name	Quantity	Cat.#
BPI, Human, ELISA kit	2 x 96 det.	HK314
sCD14, Human, ELISA kit	2 x 96 det.	HK320
ENDOBLOCK LBP assay	1 x 96 det.	HIT301
EndoCab®, Human, ELISA kit	1 x 96 det.	HK504
EndoClear, blue, small (EndoTrap blue 1/1 + mini LAL), 1 column	72 det.	HIT305 [^]
EndoClear, blue, medium (EndoTrap blue 5/1 + mini LAL), 5 columns	72 det.	HIT307 [^]
EndoClear, blue, bulk (EndoTrap 10 + mini LAL), 10 ml settled resin	72 det.	HIT309 [^]
EndoClear, red, small (EndoTrap red 1/1 + mini LAL), 1 column	72 det.	HIT306 [^]
EndoClear, red, medium (EndoTrap red 5/1 + mini LAL), 5 columns	72 det.	HIT308 [^]
EndoClear, red, bulk (EndoTrap red 10 + mini LAL), 10 ml settled resin	72 det.	HIT310 [^]
LAL Chromogenic Endpoint Assay	3 x 96 det.	HIT302
LBP, Human, ELISA kit	2 x 96 det.	HK315

© EndoCab is a registered trademark. Used under license from the Scottish National Blood Transfusion Service.

LPS, MICROBIAL TOXINS

ASSAYS

Name	Quantity	Cat.#
LBP, Mouse, ELISA kit	2 x 96 det.	HK205
LBP, various species, ELISA kit	1 x 96 det.	HK503
LL-37, Human, ELISA kit	2 x 96 det.	HK321
Pentraxin 3, Human, ELISA kit	2 x 96 det.	HK347
SLPI, Human, ELISA kit	2 x 96 det.	HK316

PROTEINS / PEPTIDES

Name	Quantity	Cat.#
LALF, Peptide	100 µg	HC4031-01
LALF, Peptide	0.5 mg	HC4031-05
LALF, Peptide	1.0 mg	HC4031-10
LBP, Human, Peptide	100 µg	HC4030-01
LBP, Human, Peptide	0.5 mg	HC4030-05
LBP, Human, Peptide	1.0 mg	HC4030-10
LBP, Human, Purified, Natural	10 µg	HC4010
LL-37, Human, Peptide	50 µg	HC4013
Polymyxin B	10 ⁵ units	HC4020
Polymyxin B, biotinylated	0.2 ml	HC4021
Polymyxin B, HRP-conjugated	0.2 ml	HC4022

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
BPI, Human	3F9		100 µg	IA	HM2041
BPI, Human	4H5		100 µg	IA	HM2042
BPI, Human	4E3		100 µg	FS FC IA	HM2170
BPI, Human	pAb		100 µg	IA IP	HP9022
CC16, Human	AY1E6		100 µg	F IA P W	HM2178
CD14, Human	MEM-15		100 µg	FC W	HM2060
CD14, Human	18D11		100 µg	FS FC	HM2224
CD14, Mouse	Sa14-2		100 µg	FS FC IP W	HM1060
CD14, Mouse, FITC	Sa14-2		100 µg	FC W	HM1060F
CD59, Human	MEM-43		100 µg	FS FC IP W	HM2120
CNF1	NG8		100 µg	FS IA W	HM6005
CNF1/CNF2	JC4		100 µg	FS IA W	HM6006
EF-Tu	900		100 µg	IA IF W	HM6010
LBP, Human	6G3	Bo, Ca, Goat, Mk, Rb, Rat, Shp, Sw	100 µg	FS IA IP	HM2043
LBP, Human	1C7		100 µg	FS IA IP	HM2044
LBP, Human	pAb		100 µg	IA IP W	HP9023
LBP, Mouse	M330-19		100 µg	FS IA W	HM1026
LBP, Mouse	RR433-8		100 µg	FS IA W	HM1027
LBP, Mouse	M392-2		100 µg	IA W	HM1028
Lipid A	26-5		100 µg	IA	HM6009
Lipid A, free	43		> 200 µg	IA W	HM2046
Lipoteichoic Acid	55		> 200 µg	IA W	HM2048
LL-37/CAP18, Human	3D11		100 µg	P	HM2070
LL-37/CAP18, Human	1-1C12		100 µg	W	HM2071
Pentraxin 3, Human	MNB1		100 µg	F IA IP P W	HM2241
Pentraxin 3, Human	MNB4		100 µg	F FC IA IP P W IF	HM2242
Polymyxin B	45		> 200 µg	IA W	HM2047
Proteinase 3, Human	WGM2		100 µg	FS F FC IA P W	HM2171
Proteinase 3, Human, FITC	WGM2		100 µg	F FC IA P W	HM2171F
Proteinase 3, Human	PR3G-2		100 µg	F FC IA W	HM2172
Proteinase 3, Human, FITC	PR3G-2		100 µg	F FC IA W	HM2172F
SAA-1, Human	Reu 86.1		100 µg	F IA P	HM2100
SAA-1, Human	Reu 86.5		100 µg	F IA P	HM2101
Shigatoxin 1	13C4		100 µg	FS IA W	HM6007
Shigatoxin 2	11E10		100 µg	FS IA W	HM6008
TREM-1, Human	6B1		100 µg	FC FS IA W	HM2252
TSST-1	5		100 µg	FS IA W	HM6002

SCAVENGER RECEPTORS & LECTIN-LIKE MOLECULES

Scavenger receptors (SRs) are cell surface proteins that were studied initially for their ability to bind and internalize modified lipoproteins. However, different classes of these receptors are involved in host defense where they serve as pattern-recognition receptors (PRRs) for a wide variety of pathogens. Together with Toll-like receptors (TLRs), SRs are considered to be the most essential PRRs involved in atherosclerosis. Another set of important PRRs are the lectin-like molecules, proteins or glycoproteins that bind to specific sugar residues such as lycoconjugates present on cell surfaces. Lectinlike molecules serve many different biological functions like the regulation of cell adhesion, glycoprotein synthesis, and the control of protein levels in the blood.

ASSAYS

Name	Quantity	Cat.#
sE-Selectin, Human, ELISA kit	2 x 96 det.	HK305
MBL, Human, ELISA kit	2 x 96 det.	HK323
MBL-A, Mouse, ELISA kit	2 x 96 det.	HK208
MBL-C, Mouse, ELISA kit	2 x 96 det.	HK209
SP-D, Human, ELISA kit	2 x 96 det.	HK335

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
CD36, Human	FA6-152		100 µg	FS F FC IA IP W	HM2122
CD36, Human, biotinylated	FA6-152		50 µg	F FC IA W	HM2122BT
CD36, Human, FITC	FA6-152		100 µg	F FC IA W	HM2122F
CD36, Mouse	CRF D-2712	Rat	200 µg	FC FS IP W	HM1074
CD36, Rat	UA009		100 µg	FS F FC IA IP	HM3019
CD68, Human	KP1		1 ml	F FC IP P W	HM2177
CD68, Mouse	FA-11		100 µg	F FC IP W	HM1070
CD68, Rat	ED1		100 µg	F FC IP P W	HM3029
CD163, Human	RM3/1	Mk	100 µg	F FC IA IP P W	HM2157
CD163, Rat	ED2		100 µg	F FC IP P	HM3025
CD205, Mouse	NLDC-145		100 µg	F FC	HM1069
DC-SIGN, Human	DCN47.5		100 µg	FC FS	HM2209
DC-SIGN, Human, biotinylated	DCN47.5		50 µg	FC	HM2209BT
DC-SIGN, Human, FITC	DCN47.5		100 µg	FC	HM2209F
Dectin-1, Mouse	2A11		100 µg	FS FC IP	HM1067
E-Selectin, Human	ENA1	Bb, Chmp, CynMk, RMk	100 µg	FS F IA IP	HM4001
E-Selectin, Human, biotinylated	ENA1	Bb, Chmp, CynMk, RMk	50 µg	F IA	HM4002
E-Selectin, Human	ENA2	Bb, Chmp, CynMk, RMk	100 µg	FS F IA	HM4003
E-Selectin, Human, biotinylated	pAb	Bb, Chmp, CynMk, RMk	50 µg	F IA W	HP9017
Galectin-3, Human	B2C10	Ms	100 µg	F FC FS IA P W	HM2186
LOX-1, Human	23C11		100 µg	FS FC	HM2138
LOX-1, Human, biotinylated	23C11		50 µg	FC	HM2138BT
LOX-1, Human, FITC	23C11		100 µg	FC	HM2138F
Mannose receptor, Human	15-2		100 µg	F FC FS IA IP W	HM2056
Mannose receptor, Human, biotinylated	15-2		50 µg	F FC IA W	HM2057
Mannose receptor, Mouse	MR5D3		100 µg	F FC IP W	HM1049
MARCO, Human	PLK1	Bo	100 µg	FS F FC	HM2208
MARCO, Mouse	ED31		100 µg	FS F FC IP	HM1068
MBL, Human	3E7		100 µg	FS F FC IA W	HM2061
MBL, Human, FITC	3E7		100 µg	F FC IA W	HM2061F
MBL, Human	D8.18		100 µg	FC IA W	HM2081
MBL, Human, biotinylated	D8.18		50 µg	FC IA W	HM2082
MBL-A, Mouse	8G6		100 µg	F IA W	HM1035
MBL-A, Mouse	2B4		100 µg	IA W	HM1036
MBL-C, Mouse	16A8		100 µg	IA W	HM1037
MBL-C, Mouse	14D12		100 µg	F IA W	HM1038
MGL, Mouse	ER-MP23		100 µg	FS F FC	HM1081
Siglec-H, Mouse	440c		100 µg	FS F FC	HM1075
Siglec-H, Mouse, biotinylated	440c		50 µg	F FC	HM1095
Siglec-H, Mouse, FITC	440c		100 µg	F FC	HM1075F
SIGN-R1, Mouse	ER-TR9		>200 µg	FS F FC FS P	HM1080
SP-B, Human	pAb	Bo, Ms, Sw	100 µg	F IA P W	HP9049
SP-B, Swine	pAb		100 µg	IA W	HP7002
SP-C, Human	pAb	Ms	100 µg	F P W	HP9050
SP-D, Rat	IIIH3	Hu	100 µg	IA P W	HM3022

SCAVENGER RECEPTORS & LECTIN-LIKE MOLECULES

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
SP-D, Rat	VIF9	Hu	100 µg	IA P W	HM3023
SP-D, Rat	IVG8	Hu	100 µg	IA P W	HM3024
SR-A, Mouse	2F8		100 µg	FS F FC IA IP W	HM1061
SR-BI, Rat	3D12		100 µg	FS F FC	HM3027

TOLL-LIKE RECEPTORS

Toll-like receptors (TLRs) are a class of non-catalytic receptors that function as pattern recognition receptors (PRRs). These receptors recognize pathogen-associated molecular patterns (PAMPs) that are shared by large groups of microorganisms, but also endogenous alarm signals, like apoptosis related membrane fragments and inflammatory ligands. Common cytoplasmic domains allow TLRs to use the same signaling molecules used by the interleukin-1 receptors (IL-1Rs), including MyD88 and TRIF. In man both intracellular and extracellular TLR exist. The intracellularly located TLR9 confers responses to bacterial DNA via species-specific CpG-motif recognition. Therefore, CpG-DNA can be used to investigate TLR9 response in various systems.

CPG OLIGONUCLEOTIDES

Name	Quantity	Cat.#
CpG DNA, Rabbit	200 nmol	HC4038
CpG-A DNA (ODN 2216), Human/Mouse	200 nmol	HC4037
CpG-B DNA (ODN 2006), Human/Mouse	200 nmol	HC4039
CpG-B DNA, Rat	200 nmol	HC4040
CpG-C DNA (ODN 2395), Human/Mouse	200 nmol	HC4041
CpG DNA, Mouse	200 nmol	HC4033
Non-CpG DNA, Human/Mouse	200 nmol	HC4034
Non-CpG DNA, Rabbit	200 nmol	HC4042

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
CD180, Human	MHR73		100 µg	F FC FS IP	HM2083
CD180, Human, biotinylated	MHR73		50 µg	F FC	HM2084
CD180, Human, FITC	MHR73		100 µg	F FC	HM2083F
CD180, Mouse	RP/14		100 µg	FC FS	HM1031
CD180, Mouse, biotinylated	RP/14		50 µg	FC	HM1032
CD180, Mouse, FITC	RP/14		100 µg	FC	HM1031F
MD-1, Mouse	MD113		100 µg	FC FS	HM1040
MD-1, Mouse, biotinylated	MD113		50 µg	FC	HM1041
MD-1, Mouse, FITC	MD113		100 µg	FC	HM1040F
MD-2, Human	18H10		100 µg	FC FS	HM2245
MD-2, Human, FITC	18H10		100 µg	FC	HM2245F
sMD-2, Human	10D5		100 µg	IA W IF	HM2244
sMD-2 and sMD-2/TLR4, Human	4H1		100 µg	FS IA W IF	HM2243
TLR1, Human	GD2.F4		100 µg	FC	HM2085
TLR1, Human, biotinylated	GD2.F4		50 µg	FC	HM2086
TLR1, Human, FITC	GD2.F4		Soon	FC	HM2085F
TLR2, Human	TL2.1	Ca, CynMk, MMk, RMk	100 µg	FS F FC IA IP P W	HM2064
TLR2, Human, biotinylated	TL2.1	Ca, CynMk, MMk, RMk	50 µg	F FC IA P W	HM2065
TLR2, Human, FITC	TL2.1	Ca, CynMk, MMk, RMk	100 µg	F FC IA P W	HM2064F
TLR2, Human	TL2.3		100 µg	FC IA W	HM2066
TLR2, Human, biotinylated	TL2.3		50 µg	FC IA W	HM2067
TLR2, Human, FITC	TL2.3		100 µg	FC	HM2066F
TLR2, Human	TLR2.45		100 µg	FS FC IP	HM2220
TLR2, Human, biotinylated	TLR2.45		50 µg	FS FC IP	HM2220BT
TLR2, Human, FITC	TLR2.45		100 µg	FS FC IP	HM2220F
TLR2, Mouse	6C2		100 µg	FC IP IF	HM1047
TLR2, Mouse, biotinylated	6C2		50 µg	FC	HM1048
TLR2, Mouse, FITC	6C2		100 µg	FC IF	HM1047F
TLR2, Mouse	T2.5	Hu	100 µg	FS F FC IP	HM1054
TLR2, Mouse, biotinylated	T2.5	Hu	50 µg	F FC	HM1055
TLR2, Mouse, FITC	T2.5	Hu	100 µg	F FC	HM1054F
TLR2, Mouse	mT2.7		100 µg	F FC IP	HM1058
TLR2, Mouse, biotinylated	mT2.7		50 µg	F FC	HM1059

TOLL-LIKE RECEPTORS

MAB / PAB					
Name	Clone	Cross reactivity	Quantity	Application	Cat.#
TLR2, Mouse, FITC	mT2.7		100 µg	F FC IA	HM1058F
TLR2, Mouse	mT2.4		100 µg	FS F FC IA P	HM1092
TLR2, Mouse, biotinylated	mT2.4		50 µg	F FC IA P	HM1092BT
TLR2, Mouse, FITC	mT2.4		100 µg	FC	HM1092F
TLR2, Mouse	pAb		50 µg	FC W	HP8016
TLR3, Human	TLR3.7		100 µg	FC FS W	HM2096
TLR3, Human, biotinylated	TLR3.7		50 µg	FC W	HM2097
TLR3, Human, FITC	TLR3.7		100 µg	FC	HM2096F
TLR4, Human	HTA125	Ca, CynMk, MMk, RMk	100 µg	FS F FC IP	HM2068
TLR4, Human, biotinylated	HTA125	Ca, CynMk, MMk, RMk	50 µg	F FC	HM2069
TLR4, Human, FITC	HTA125	Ca, CynMk, MMk, RMk	100 µg	FC	HM2068F
TLR4, Human	3C3		100 µg	FC FS	HM2247
TLR4/MD2, Mouse	MTS510		100 µg	FS F FC IP	HM1029
TLR4/MD2, Mouse, biotinylated	MTS510		50 µg	F FC	HM1030
TLR4/MD2, Mouse, FITC	MTS510		100 µg	F FC	HM1029F
TLR5, Human	19D759.2		100 µg	F FC P W	HM2159
TLR6, Human	TLR6.127		100 µg	FS FC IP	HM2221
TLR6, Human, biotinylated	TLR6.127		50 µg	FS FC IP	HM2221BT
TLR6, Human, FITC	TLR6.127		100 µg	FS FC IP	HM2221F
TLR7, Human	pAb		100 µg	FC P W	HP9040
TLR8, Human	44C143		100 µg	FC F IP P W	HM2160
TLR9, Human	5G5	Ca, Ms	100 µg	F FC IA W	HM2087
TLR9, Human, biotinylated	5G5	Ca, Ms	50 µg	F FC IA W	HM2088
TLR9, Human, FITC	5G5	Ca, Ms	100 µg	F FC IA W	HM2087F
TLR9, Mouse	5G5	Ca, Hu	100 µg	F FC IA W	HM1042
TLR9, Mouse, biotinylated	5G5	Ca, Hu	50 µg	F FC IA W	HM1043
TLR9, Mouse, FITC	5G5	Ca, Hu	100 µg	F FC IA W	HM1042F
Viperin, Mouse	MaP.VIP		100 µg	IP W	HM1016

INFLAMMATION

ADHESION MOLECULES

Adhesion molecules are proteins involved in the binding of cells either to other cells or to components of the extracellular matrix. In addition, adhesion molecules can participate in cell signaling or display enzymatic activities. For example, the oxidase activity of vascular adhesion protein-1 (VAP-1) controls leukocyte infiltration into tissues and induces endothelial E- and P-selectins. Cell junctions play an important role in cell-to-cell adhesion and cell barrier functions. Together with gap junctions and adherens junctions, tight junctions form apical junctional complexes in epithelial and endothelial cells. These junctions hold cells together and prevent the passage of molecules and ions through the intercellular space. Furthermore, they block the movement of integral membrane proteins between the apical and basolateral surfaces of the cell.

ASSAYS

Name	Quantity	Cat.#
sE-Selectin, Human, ELISA kit	2 x 96 det.	HK305
sICAM-1, Human, ELISA kit	2 x 96 det.	HK304
sMAdCAM-1, Human, ELISA kit	2 x 96 det.	HK337

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
Activated CD11/CD18, Human	24		100 µg	F FC FS IA IP	HM2183
Alpha-Catenin, Human	1G5		100 µg	IP W IF	HM2118
Alpha-V/beta-3 integrin, Human	BV3		100 µg	FC IA IP	HM2034
Alpha-V/beta-3 integrin, Human, FITC	BV3		100 µg	FC IA	HM2034F
Alpha-V/beta-3 integrin, Human	BV4		100 µg	FC IA IP W	HM2035
Barmotin/7H6 antigen, Human	7H6	Ca, Chk, Hu, Ms, Rat	100 µg	F W	HM2102
Beta1 Integrin, Human	BV7		100 µg	FS FC IA IP W	HM2033
Beta1 Integrin, Human, FITC	BV7		100 µg	FC IA W	HM2033F
Beta-Catenin, Human	9F2		100 µg	IP W IF	HM2112
CD44, Human	NKI-P2		100 µg	F FC P	HM2127
CD56, Human	123C3		100 µg	F P IF	HM2132
CD56, Human	NKI-nbl-1		100 µg	F FC	HM2133
CD73, Human	4G4		100 µg	FS F FS IF	HM2215
CD222, Human	MEM-238		100 µg	FC W	HM2121
Desmoglein-1, Human	27B2		100 µg	F IP W IF	HM2113
Desmoglein-2, Human	6D8		100 µg	IP W IF	HM2114
Desmoglein-3, Human	5G11		100 µg	IP P W IF	HM2115
Endomucin, Mouse	V.7C7.1		100 µg	F FC IP P W	HM1108
E-Selectin, Human	ENA1	Bb, Chmp, CynMk, RMk	100 µg	F IA IP	HM4001
E-Selectin, Human, biotinylated	ENA1	Bb, Chmp, CynMk, RMk	50 µg	F IA	HM4002
E-Selectin, Human	ENA2	Bb, Chmp, CynMk, RMk	100 µg	FS F IA	HM4003
E-Selectin, Human, biotinylated	pAb	Bb, Chmp, CynMk, RMk	50 µg	F IA W	HP9017
Fibronectin receptor, Human	NKI-SAM1		100 µg	F FC	HM2126
GEF-H1, Human	B4/7	Ca	100 µg	F IF IP W	HM2152
ICAM-1, Human	HM.2		100 µg	F IA IP IF P	HM2104
ICAM-1, Human, biotinylated	HM.2		50 µg	F IA IF P	HM2104BT
ICAM-1, Human	HM.1		100 µg	F IA IP IF	HM4004
ICAM-1, Human, biotinylated	HM.1		50 µg	F IA IF	HM4005
ICAM-1, Human, biotinylated	pAb	Bb, Chmp, CynMk, RMk	50 µg	F IA IP W	HP9018
JAM-A, extracellular domain-1, Human	pAb		100 µg	FC P W	HP9041
JAM-A, extracellular domain-2, Human	pAb		100 µg	FC P W	HP9042
JAM-A, Human	BV16		100 µg	F FC	HM2098
JAM-A, Human	M.Ab.F11		100 µg	FC FS IP W	HM2099
JAM-A, Mouse	BV12		100 µg	FC IA IF	HM1050
JAM-A, Mouse, FITC	BV12		100 µg	FC IA IF	HM1050F
JAM-C, Mouse	CRAM-19 H36	Hu	100 µg	F FC IA IP	HM1056
JAM-C, Mouse, FITC	CRAM-19 H36	Hu	100 µg	F FC IA	HM1056F
JAM-C, Mouse	CRAM-18 F26	Hu	100 µg	FS F FC IA IP	HM1057
L-Afadin, Rat	3	Ca, Hu, Ms	100 µg	F IA IP W	HM3013
MAdCAM-1, Human	314G8		100 µg	FS F FC IA P W	HM2207
Nectin-2, Mouse	502-57	Hu	100 µg	F FC IA IP W	HM1052
Nectin-3, Mouse	103-A1		100 µg	F FC IA IP	HM1053
Occludin, Human	pAb	Ca, Ms, Rat	100 µg	F W IF	HP9047
PECAM-1, Human	BV8		100 µg	FC IA IP	HM2039
PECAM-1, Mouse	MEC7.46		100 µg	F FC FS IA IP	HM1013

ADHESION MOLECULES

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
PECAM-1, Mouse, FITC	MEC7.46		100 µg	F FC IA	HM1013F
PECAM-1, Mouse, biotinylated	MEC7.46		50 µg	F FC IA	HM1014
PECAM-1, Mouse	ER-MP12		100 µg	F FC P	HM1084
Plakoglobin, Human	15F11		100 µg	IP W IF	HM2116
VAP-1, Human	174-5	Rat	100 µg	FS F FC W IF	HM2213
VAP-1, Mouse	7-88		100 µg	FS F FC IF	HM1094
VCAM-1, Human	1G11B1		100 µg	F FC IA IP	HM4006
VCAM-1, Human, biotinylated	1G11B1		50 µg	F FC IA	HM4007
VE-Cadherin, Human	BV9		100 µg	FS F FC IA IP W	HM2032
VE-Cadherin, Human, FITC	BV9		100 µg	F FC IA W	HM2032F
Vitronectin, Human	BV1		100 µg	FC IA IP W	HM2036
ZO-1, Human	pAb	Ca, Ms	100 µg	F W IF	HP9043
ZO-1, alpha+, Human	pAb	Ca, Ms, Rat	100 µg	F P W IF	HP9044
ZO-1, alpha-, Human	pAb	Ca, Ms, Rat	100 µg	F P W IF	HP9045
ZO-2, Human	pAb	Ms	100 µg	F W IF	HP9046

COAGULATION MOLECULES

Both pro- and anticoagulant pathways are involved in inflammation and in many inflammatory diseases. The protein C anticoagulant pathway serves as a major system for controlling thrombosis, limiting inflammatory responses, and potentially decreasing endothelial cell apoptosis in response to inflammatory cytokines. The essential components of this pathway include thrombin, thrombomodulin, the endothelial cell protein C receptor (EPCR), protein C and protein S. Life-threatening coagulation disorders, such as thrombotic thrombocytopenic purpura (TTP) often arise from deficiency or inhibition of the enzyme ADAMTS-13.

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
Activated Protein C, Human	PC107		100 µg	IA W	HM2151
ADAMTS-13, Human	5C11		100 µg	IA W	HM2225
ADAMTS-13, Human	20A5		100 µg	IA W IF	HM2226
EPCR, Human	RCR-379		100 µg	FS F FC	HM2144
EPCR, Human	RCR-252		100 µg	FS F FC	HM2145
PAI-1, Human	MA-33H1F7	Ms, Rb, Rat	100 µg	FS F IA W	HM2179
PAI-1, Human	MA-55F4C12	Ms, Rat	100 µg	FS IA	HM2180
PAI-1, Human	MA-56A7C10	Sw	100 µg	FS IA	HM2181
PAI-1, Rat	MA-124K1	Ms	100 µg	FS IA	HM3026
Protein C, Human	PC50		100 µg	IA W	HM2149
Protein C, Human	PC98		100 µg	IA W	HM2150
Protein S, Human	PS7		100 µg	FC W	HM2148
Protein S, Human, FITC	PS7		100 µg	FC W	HM2148F
Punctin-1, Human	1B2-8-2		100 µg	IA W	HM2169
Punctin-1, Human	1B2-8-14		100 µg	IA W	HM2194
Thrombomodulin, Human	RTM96		100 µg	FS FC W	HM2146
Thrombomodulin, Human	RTM98		100 µg	FC W	HM2147

CYTOKINES, CHEMOKINES

Cytokines and their receptors regulate inflammatory, physiological and pathological pathways. The most important groups of cytokines are the interferons (IFN- α , - β and - γ) and the interleukins. Other important cytokines are tumor necrosis factor- α (TNF- α) and lymphotoxin. Cytokines include chemokines: cytokines with chemotactic properties.

ASSAYS

Name	Cross reactivity	Quantity	Cat.#
GM-CSF, Mouse, ELISA kit		2 x 96 det.	HK204
IFN- α , Human, ELISA kit		2 x 96 det.	HK312*
IFN- γ , Human, ELISA kit		2 x 96 det.	HK309
IFN- γ , Human, ELISA kit (medium)		1 x 96 det.	HK030m
IFN- γ , Human, ELISA kit (serum)		1 x 96 det.	HK030s
sIL-1 RI, Mouse, ELISA kit		2 x 96 det.	HK206
sIL-1 RII, Human, ELISA kit		2 x 96 det.	HK313
IL-6, Human, ELISA kit		2 x 96 det.	HK308
IL-8, Human, ELISA kit	OwMk	2 x 96 det.	HK310
IP-10, Human, ELISA kit		2 x 96 det.	HK311
MCP-1, Human, ELISA kit		2 x 96 det.	HK306
TNF- α , Human, ELISA kit		2 x 96 det.	HK307
TNF- α , Mouse, ELISA kit		2 x 96 det.	HK207
TNF- α , Rat, ELISA kit		2 x 96 det.	HK102
sTNF-R I, Human, ELISA kit		2 x 96 det.	HK301
sTNF-R I, Mouse, ELISA kit		2 x 96 det.	HK201
sTNF-R II, Human, ELISA kit		2 x 96 det.	HK302
sTNF-R II, Mouse, ELISA kit		2 x 96 det.	HK202
sTNF-R I+II, Human, Twin ELISA kit		1x96 det. each	HK303
sTNF-R I+II, Mouse, Twin ELISA kit		1x96 det. each	HK203

OTHER

Name	Cross reactivity	Quantity	Cat.#
IFN- γ , Human, complete ELISA reagent set		10 x 96 det.	DK1309
IL-6, Human, complete ELISA reagent set		10 x 96 det.	DK1308
IL-8, Human, complete ELISA reagent set	OwMk	10 x 96 det.	DK1310
MCP-1, Human, complete ELISA reagent set		10 x 96 det.	DK1306
TNF- α , Human, complete ELISA reagent set		10 x 96 det.	DK1307

PROTEINS / PEPTIDES

Name	Quantity	Cat.#
IFN- α , Mouse, Recombinant (CHO-Derived)	10 ⁵ units	HC1040A
IFN- α , Mouse, Recombinant (CHO-Derived)	10 ⁶ units	HC1040B
IFN- β , Mouse, Recombinant (CHO-Derived)	5 x 10 ⁴ units	HC1050A
IFN- β , Mouse, Recombinant (CHO-Derived)	5 x 10 ⁵ units	HC1050B
IFN- γ , Human, Recombinant (E. Coli-Derived)	10 ⁵ units	HC2030A*
IFN- γ , Human, Recombinant (E. Coli-Derived)	10 ⁶ units	HC2030B*
IFN- γ , Mouse, Recombinant (CHO-Derived)	10 ⁵ units	HC1020A
IFN- γ , Mouse, Recombinant (CHO-Derived)	10 ⁶ units	HC1020B
IFN- γ , Rat, Recombinant (CHO-Derived)	10 ⁵ units	HC3010A
IFN- γ , Rat, Recombinant (CHO-Derived)	10 ⁶ units	HC3010B
TNF- α , Human, Recombinant (E. Coli-Derived)	>5 x 10 ⁴ units	HC2040
TNF- α , Mouse, Recombinant (E. Coli-Derived)	>5 x 10 ⁴ units	HC1060

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
CXCR1, Human	NVR1		100 μ g	FS FC	HM2028
CXCR1, Human, biotinylated	NVR1		50 μ g	FC	HM2029
EMAP II, Human	546-2	Rat	100 μ g	FC IA P W	HM2185
GM-CSF, Mouse	MP1-22E9		100 μ g	FS F IA IP W	HM1006A
GM-CSF, Mouse	MP1-22E9		500 μ g	FS F IA IP W	HM1006B
GM-CSF, Mouse	MP1-31G6		100 μ g	FS F IA IP W	HM1007A
GM-CSF, Mouse	MP1-31G6		500 μ g	FS F IA IP W	HM1007B
IDO, Human	pAb		100 μ g	FC IA P W IF	HP5004
IFN- α , Mouse	F18		100 μ g	FS FC IA IP	HM1001
IFN- γ , Human	F12		100 μ g	FS F IA IP	HM2003a

CYTOKINES, CHEMOKINES

MAB / PAB					
Name	Clone	Cross reactivity	Quantity	Application	Cat.#
IFN-gamma, Human	F12		300 µg	FS F IA IP	HM2003b
IFN-gamma, Human	F14		100 µg	F IA IP	HM2004a
IFN-gamma, Human	F14		300 µg	F IA IP	HM2004b
IFN-gamma, Human	pAb		100 µg	FS F IA W	HP9019
IFN-gamma, Mouse	F3		100 µg	FS IA IP	HM1002A
IFN-gamma, Mouse	F3		500 µg	FS IA IP	HM1002B
IFN-gamma, Mouse	F1		100 µg	FS IA IP	HM1003A
IFN-gamma, Mouse	F1		500 µg	FS IA IP	HM1003B
IFN-gamma, Rat	pAb		100 µg	FS F IA W	HP8007
IL-1 RI, Mouse	Reg21		100 µg	FS IA IP W	HM1022
IL-1 RI, Mouse	Reg20		100 µg	IA IP W	HM1023
IL-1 RI, Mouse	D1f3		100 µg	FS W	HM1024
IL-1 RI, Mouse	D14e3		100 µg	W	HM1025
IL-1 RII, Human	8.5		100 µg	FC IA W	HM2053
IL-1 RII, Human, FITC	8.5		100 µg	FC IA W	HM2053F
IL-1 RII, Human	6G5		100 µg	IA	HM2054
IL-1 RII, Human	pAb		100 µg	IA	HP9007
IL-1ra3, Human	2D11		100 µg	F IA W	HM2055
IL-2, Human	pAb		100 µg	FS IA IP W	HP9004
IL-6, Human	5E1	CynMk, RMk	100 µg	FS IA IP W	HM2001
IL-6, Human	pAb	Bb	100 µg	FS IA IP W	HP9005
IL-6, Mouse	MP5-20F3		100 µg	FS IA IP	HM1004A
IL-6, Mouse	MP5-20F3		500 µg	FS IA IP	HM1004B
IL-6, Mouse	MP5-32C11		100 µg	FS IA IP W	HM1005A
IL-6, Mouse	MP5-32C11		500 µg	FS IA IP W	HM1005B
IL-6, Mouse	pAb	Rat	100 µg	FS IA W	HP8008
IL-8, Human	pAb	CynMk, RMk	100 µg	FS IA IP W	HP9006
IL-10, Human	pAb		100 µg	FS F IA W	HP9016
IL-10, Mouse	JES5-2A5		100 µg	FS IA IP	HM1008A
IL-10, Mouse	JES5-2A5		500 µg	FS IA IP	HM1008B
IL-18, Mouse	SK113AE-4		100 µg	FS IA	HM1033**
IL-18, Mouse	7G1-4		100 µg	IA W	HM1034**
IL-18, Mouse	pAb		100 µg	FS IA W	HP8009
IP-10, Human	6D4		100 µg	FC IA W F IF	HM2030
IP-10, Human, biotinylated	6D4		50 µg	FC IA W F IF	HM2031
IP-10, Human, FITC	6D4		100 µg	F FC IA W IF	HM2030F
sLeptin receptor, Human	2F1		100 µg	F IA P W	HM2187
LT beta receptor, Mouse	5G11		100 µg	FC FS IA W	HM1079
MCP-1, Human	MNA1		100 µg	FS F IA IP W	HM2011
MCP-1, MCAF, Human	pAb		100 µg	FS F IA IP W	HP9009
MCP-1, Mouse	ECE.2		100 µg	F IA P W	HM1019
MCP-1, Mouse, biotinylated	ECE.2		50 µg	F IA P W	HM1020
Siglec-H, Mouse	440c		100 µg	FS F FC	HM1075
Siglec-H, Mouse, biotinylated	440c		50 µg	F FC	HM1095
Siglec-H, Mouse, FITC	440c		100 µg	F FC	HM1075F
TNF-alpha, Human	4H31	CynMk, RMk	100 µg	FS F FC IA IP W	HM2009
TNF-alpha, Human	52B83	Gpig, Ms, RMk	100 µg	F FC IA P W	HM2010
TNF-alpha, Human	T1		100 µg	FS FC IA IP W	HM2024
TNF-alpha, Human, FITC	T1		100 µg	FC IA W	HM2024F
TNF-alpha, Human, biotinylated	T1		50 µg	FC IA W	HM2025
TNF-alpha, Human	T3		100 µg	FC IA IP W	HM2026
TNF-alpha, Human, biotinylated	T3		50 µg	FC IA W	HM2027
TNF-alpha, Human	5N	Ca, Mk, Bo	100 µg	FS IA	HM2218
TNF-alpha, Human	5N	Ca, Mk, Bo	500 µg	FS IA	HM2218-05
TNF-alpha, Human	pAb	CynMk, RMk	100 µg	FS FC IA W	HP9001
TNF-alpha, Mouse	V1q		100 µg	FS FC	HM1021
TNF-alpha, Mouse	pAb	Rat	100 µg	FS F FC IA P W	HP8001
TNF-R I, Human	MR1-2	CynMk, RMk	100 µg	F FC FS IA	HM2005
TNF-R I, Human, biotinylated	MR1-2	CynMk, RMk	50 µg	F FC IA	HM2006
TNF-R I, Human	H398	Rat	100 µg	F FC FS IA IP W	HM2020

CYTOKINES, CHEMOKINES

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
TNF-R I, Human, biotinylated	H398	Rat	50 µg	F FC IA W	HM2021
TNF-R I, Human, FITC	H398	Rat	100 µg	F FC IA IP W	HM2020F
TNF-R I, Human	pAb		100 µg	FS IA IP W	HP9002
TNF-R I, Mouse	HM104		100 µg	F FC IA IP	HM1009
TNF-R I, Mouse, biotinylated	HM104		50 µg	F FC IA	HM1010
TNF-R I, Mouse, FITC	HM104		100 µg	F FC IA	HM1009F
TNF-R I, Mouse	pAb		100 µg	FC FS IA IP W	HP8002
TNF-R II, Human	MR2-1	CynMk, RMk	100 µg	F FC FS IA IP W	HM2007
TNF-R II, Human, biotinylated	MR2-1	CynMk, RMk	50 µg	F FC IA W	HM2008
TNF-R II, Human	80M2	Rat	100 µg	F FC FS IA IP W	HM2022
TNF-R II, Human, biotinylated	80M2	Rat	50 µg	F FC IA W	HM2023
TNF-R II, Human, FITC	80M2	Rat	100 µg	FC IA IF	HM2022F
TNF-R II, Human	pAb		100 µg	FC FS IA IP W	HP9003
TNF-R II, Mouse	HM102		100 µg	F FC FS IA IP	HM1011
TNF-R II, Mouse, biotinylated	HM102		50 µg	F FC IA	HM1012
TNF-R II, Mouse, FITC	HM102		100 µg	F FC IA	HM1011F
TNF-R II, Mouse	pAb		100 µg	FC IA IP W	HP8003

CELL AND TISSUE DAMAGE

CELL- AND TISSUE- DAMAGE

Highly sensitive detection of disturbed cell membrane integrity is of importance in cellular toxicology studies and in various experimental and clinical situations like myocardial infarction and liver transplantation. Small unbound cytosolic proteins show a rapid release from damaged cells. Fatty acid binding proteins (FABP) with tissue specificity are especially useful for early detection of ischemically damaged organs. Interestingly, ischemically damaged organs are characterized histologically by (near) absence of FABP, facilitating recognition of such areas.

ASSAYS

Name	Cross reactivity	Quantity	Cat.#
Annexin-V, FITC, Apoptosis Necrosis Detection reagent		100 tests	HIT304
Granzyme B, Human, ELISA kit		1 x 96 det.	HK332
H-FABP, Human, ELISA kit		1 x 96 det.	HK401
H-FABP, Human, ELISA kit		2 x 96 det.	HK402
H-FABP, Mouse/Rat, ELISA kit	Sw	2 x 96 det.	HK403
I-FABP, Human, ELISA kit	Shp, Sw	2 x 96 det.	HK406
IL-FABP, Mouse, ELISA kit	Rat	2 x 96 det.	HK409
Lectin Early Apoptosis Detection kit		100 tests	HIT303
L-FABP, Human, ELISA kit		2 x 96 det.	HK404
L-FABP, Rat, ELISA kit	Ms	2 x 96 det.	HK405
L-FABP, Swine, ELISA kit		2 x 96 det.	HK408
Nitrotyrosine, ELISA kit		2 x 96 det.	HK501

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
A-FABP, Human	pAb	Rat	100 µg	IA W	HP9028
Apoptotic Neutrophils, Human	BOB93		100 µg	FC W	HM2154
Apoptotic Neutrophils, Human, biotinylated	BOB93		50 µg	FC W	HM2154BT
Apoptotic Neutrophils, Human, FITC	BOB93		100 µg	FC W	HM2154F
B-FABP, Human	pAb		100 µg	IA W	HP9029
Collagen II, Mouse	CIIC1	Bo, Chk, Hu, Rat	100 µg	F FS IA P	HM1062
Collagen II, Mouse	M2193	Bo, Chk, Hu, Rat	100 µg	F FS IA P	HM1063
E-FABP, Human	pAb		100 µg	IA W	HP9030
Endostatin, Human	1837-46		100 µg	F FC IA P W	HM2188
H-FABP, Human	66E2	Ms, Rat, Sw	100 µg	F IA IP W	HM2016
H-FABP, Human, biotinylated	66E2	Ms, Rat, Sw	50 µg	F IA IP W	HM2017
H-FABP, Human	67D3	Ms, Rat	100 µg	F IA IP P W	HM2018
H-FABP, Human, biotinylated	67D3	Ms, Rat	50 µg	F IA P W	HM2019
I-FABP, Human	pAb	Ms, Rat, Shp, Sw	100 µg	IA W	HP9020
IL-FABP, Human	pAb		100 µg	IA W	HP9031
IL-FABP, Mouse	pAb	Rat	100 µg	IA P W	HP8011
L-FABP, Human	L2B10	Bb, Ca, Rat, Sw	100 µg	F IA W	HM2049
L-FABP, Human, biotinylated	L2B10	Bb, Ca, Rat, Sw	50 µg	F IA W	HM2050
L-FABP, Human	K5A6		100 µg	F IA W	HM2051
L-FABP, Human	pAb		100 µg	F IP P W	HP9021
L-FABP, Rat	pAb	Hu, Ms, Sw	100 µg	IA IP P W	HP8010
M-FABP, Human	pAb		100 µg	IA W	HP9032
Muscarinic acetylcholine receptor M2, Human	B8E5	Gpig, Rat	100 µg	F FS IA W IF	HM2239
Nitrotyrosine	HM11		100 µg	F IA P W	HM5001
Nitrotyrosine, biotinylated	HM11		50 µg	F IA P W	HM5002
Phosphotyrosine	P9V6		100 µg	IA W	HM5003
Phosphotyrosine, biotinylated	P9V6		50 µg	IA W	HM5004
Spi-6, Mouse	pAb		100 µg	FC W	HP8035
Ubiquitin	Ubi-1		100 µg	F IA IP P W IF	HM5009

LIPID BINDING PROTEINS

Long-chain fatty acids (LCFAs) are major components of our diet and the most important metabolites for energy generation and storage. FAT/CD36, apolipoproteins, scavenger receptors and fatty acid binding proteins (FABPs) are important regulators of fatty acid metabolism. Aberrant fatty acid metabolism and regulation by fatty acid transporters occurs in diseases like diabetes, obesity, cardiac hypertrophy and failure. The uptake of LCFAs is enhanced by fatty acid transport proteins. Members of this transmembrane protein family are produced in all fatty acid-utilizing tissues and have been implicated in many diverse biological processes including angiogenesis, phagocytosis, lipid and glucose metabolism, and inflammation.

ASSAYS

Name	Cross reactivity	Quantity	Cat.#
H-FABP, Human, ELISA kit		1 x 96 det.	HK401
H-FABP, Human, ELISA kit		2 x 96 det.	HK402
H-FABP, Mouse/Rat, ELISA kit	Sw	2 x 96 det.	HK403
I-FABP, Human, ELISA kit	Shp, Sw	2 x 96 det.	HK406
IL-FABP, Mouse, ELISA kit	Rat	2 x 96 det.	HK409
L-FABP, Human, ELISA kit		2 x 96 det.	HK404
L-FABP, Rat, ELISA kit	Ms	2 x 96 det.	HK405
L-FABP, Swine, ELISA kit		2 x 96 det.	HK408

PROTEINS / PEPTIDES

Name	Quantity	Cat.#
H-FABP, Human, Recombinant (E.Coli-Derived)	50 µg	HC2105
I-FABP, Rat, Recombinant (E.Coli-Derived)	50 µg	HC3101
L-FABP, Rat, Recombinant (E.Coli-Derived)	50 µg	HC3102

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
A-FABP, Human	pAb	Rat	100 µg	IA W	HP9028
B-FABP, Human	pAb		100 µg	IA W	HP9029
CD36, Human	FA6-152		100 µg	FS F FC IA IP W	HM2122
CD36, Human, biotinylated	FA6-152		50 µg	F FC IA W	HM2122BT
CD36, Human, FITC	FA6-152		100 µg	F FC IA W	HM2122F
CD36, Mouse	CRF D-2712	Rat	200 µg	FC FS IP W	HM1074
CD36, Rat	UA009		100 µg	FS F FC IA IP	HM3019
E-FABP, Human	pAb		100 µg	IA W	HP9030
H-FABP, Human	66E2	Ms, Rat, Sw	100 µg	F IA IP W	HM2016
H-FABP, Human, biotinylated	66E2	Ms, Rat, Sw	50 µg	F IA IP W	HM2017
H-FABP, Human	67D3	Ms, Rat	100 µg	F IA IP P W	HM2018
H-FABP, Human, biotinylated	67D3	Ms, Rat	50 µg	F IA P W	HM2019
I-FABP, Human	pAb	Ms, Rat, Shp, Sw	100 µg	IA W	HP9020
IL-FABP, Human	pAb		100 µg	IA W	HP9031
IL-FABP, Mouse	pAb	Rat	100 µg	IA P W	HP8011
L-FABP, Human	L2B10	Bb, Ca, Rat, Sw	100 µg	F IA W	HM2049
L-FABP, Human, biotinylated	L2B10	Bb, Ca, Rat, Sw	50 µg	F IA W	HM2050
L-FABP, Human	K5A6		100 µg	F IA W	HM2051
L-FABP, Human	pAb		100 µg	F IP P W	HP9021
L-FABP, Rat	pAb	Hu, Ms, Sw	100 µg	IA IP P W	HP8010
M-FABP, Human	pAb		100 µg	IA W	HP9032

OXIDATIVE STRESS

Oxidative stress is involved in many human diseases, such as atherosclerosis, Parkinson's disease and Alzheimer's disease. In addition, it is assumed to be important in ageing. However, reactive oxygen species can also be beneficial, as they are used by the immune system to attack and kill pathogens. Detection or measurement of oxidation markers is helpful to assess oxidant activity and to monitor the effectiveness of the antioxidant system. Superoxides and other free radicals contribute, together with many other factors like inflammation, radiation, and carcinogen exposure, to DNA damage. Antibodies and assays for detection of DNA adducts, such as ethenoadenosine, BPDE-DNA, and 8-oxoguanine, are valuable markers for studies on DNA damage. Nitrotyrosine has been identified as a marker of inflammation and production of NO. Various pathways including the formation of peroxynitrite lead to nitrotyrosine production. Since nitrotyrosine is a stable end product of peroxynitrite oxidation, assessment of its plasma concentration is a useful marker of NO-dependent damage in vivo, taking into account that most proteins have a longer half life in the circulation than nitrite/nitrate (NOX). Nitrotyrosine has been detected by immunohistology in various inflammatory processes, including atherosclerotic plaques, celiac disease, rheumatoid arthritis, chronic renal failure and septic shock.

ASSAYS

Name	Quantity	Cat.#
MPO, Human, ELISA kit	2 x 96 det.	HK324
MPO, Mouse, ELISA kit	2 x 96 det.	HK210
MPO, Rat, ELISA kit	2 x 96 det.	HK105
Nitrotyrosine, ELISA kit	2 x 96 det.	HK501

OXIDIZED PHOSPHOLIPIDS

Name	Quantity	Application	Cat.#
DMPC	5 mg	FS	HC4044
Oxidized PAPC	1 mg	FS	HC4035
Oxidized PAPC	5 mg	FS	HC4036
PAPC	5 mg	FS	HC4043

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
BPDE	8E11		100 µg	IA	HM5008
BPDE-DNA	5D11		100 µg	F IA P	HM5007
Chlorotyrosine	pAb		100 µg	F IA P	HP5002
Ethenoadenosine, Human	1G4		100 µg	F FC IA IP W	HM5005
IDO, Human	pAb		100 µg	FC IA P W IF	HP5004
MPO, Human	266-6K1		100 µg	F IA W	HM2164
MPO, Human, biotinylated	266-6K1		50 µg	F IA W	HM2164BT
MPO, Human, FITC	266-6K1		100 µg	F IA W	HM2164F
MPO, Human	pAb	Ms, Rat	1 ml	F IA P	HP9048
MPO, Mouse	8F4	Rat	100 µg	F FC IA	HM1051
MPO, Mouse, biotinylated	8F4	Rat	50 µg	F FC IA	HM1051BT
MPO, Mouse, FITC	8F4	Rat	100 µg	F FC IA	HM1051F
MPO, Rat	2D4	Ms	100 µg	F FC IA IF	HM3030
MPO, Rat, biotinylated	2D4	Ms	50 µg	F FC IA IF	HM3030BT
MPO, Rat, FITC	2D4	Ms	100 µg	F FC IA IF	HM3030F
Nitrotyrosine	HM.11		100 µg	F IA P W	HM5001
Nitrotyrosine, biotinylated	HM.11		50 µg	F IA P W	HM5002
Phosphorylated histone H2AX	pAb	Mamm, Yeast, Dm, XI	100 µg	W IF	HP5001

ORGAN- AND TISSUE- RELATED RESEARCH

ENDOTHELIUM

The endothelium is the thin layer of cells that line the interior surface of blood vessels, forming an interface between circulating blood in the lumen and the rest of the vessel wall. Endothelial cells line the entire circulatory system, from the heart to the smallest capillary. These cells reduce turbulence of the flow of blood allowing the fluid to be pumped further.

OXIDIZED PHOSPHOLIPIDS

Name	Quantity	Application	Cat.#
Oxidized PAPC	1 mg	FS	HC4035
Oxidized PAPC	5 mg	FS	HC4036
PAPC	5 mg	FS	HC4043

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
Alpha-Catenin, Human	1G5		100 µg	IP W IF	HM2118
Alpha-V/beta-3 integrin, Human	BV3		100 µg	FC IA IP	HM2034
Alpha-V/beta-3 integrin, Human	BV4		100 µg	FC IA IP W	HM2035
Alpha-V/beta-3 integrin, Human, FITC	BV3		100 µg	FC IA	HM2034F
Beta-Catenin, Human	9F2		100 µg	IP W IF	HM2112
Caveolin-1, Rat	7C8		100 µg	IP W	HM3014
CD13, Mouse	ER-BMDM1		100 µg	F FC P	HM1083
CD34, Mouse	MEC14.7		100 µg	F FC IA IP P W IF	HM1015
CD35, Human	31R		100 µg	F FC IA IP P W	HM2107
CD36, Human	FA6-152		100 µg	FS F FC IA IP W	HM2122
CD36, Human, biotinylated	FA6-152		50 µg	F FC IA W	HM2122BT
CD36, Human, FITC	FA6-152		100 µg	F FC IA W	HM2122F
CD36, Mouse	CRF D-2712	Rat	200 µg	FC FS IP W	HM1074
CD36, Rat	UA009		100 µg	FS F FC IA IP	HM3019
CD73, Human	4G4		100 µg	FS F FS IF	HM2215
EMAP II, Human	546-2	Rat	100 µg	FC IA P W	HM2185
Endoglin, Human	E9		100 µg	F FC IA IP W	HM2140
Endomucin, Mouse	V.7C7.1		100 µg	F FC IP P W	HM1108
Endostatin, Human	1837-46		100 µg	F FC IA P W	HM2188
EPCR, Human	RCR-379		100 µg	FS F FC	HM2144
EPCR, Human	RCR-252		100 µg	FS F FC	HM2145
Ephrin B4, Mouse	VEB4-7E4		100 µg	F, FC, IA, W	HM1099
E-Selectin, Human	ENA1	Bb, Chmp, CynMk, RMk	100 µg	FS F IA IP	HM4001
E-Selectin, Human, biotinylated	ENA1	Bb, Chmp, CynMk, RMk	50 µg	F IA	HM4002
E-Selectin, Human	ENA2	Bb, Chmp, CynMk, RMk	100 µg	FS F IA	HM4003
E-Selectin, Human, biotinylated	pAb	Bb, Chmp, CynMk, RMk	50 µg	F IA W	HP9017
ICAM-1, Human	HM.2		100 µg	F IA IP IF P	HM2104
ICAM-1, Human, biotinylated	HM.2		50 µg	F IA IF P	HM2104BT
ICAM-1, Human	HM.1		100 µg	F IA IP IF	HM4004
ICAM-1, Human, biotinylated	HM.1		50 µg	F IA IF	HM4005
ICAM-1, Human, biotinylated	pAb	Bb, Chmp, CynMk, RMk	50 µg	F IA IP W	HP9018
JAM-A, extracellular domain-1, Human	pAb		100 µg	FC P W	HP9041
JAM-A, extracellular domain-2, Human	pAb		100 µg	FC P W	HP9042
JAM-A, Human	BV16		100 µg	F FC	HM2098
JAM-A, Human	M.Ab.F11		100 µg	FC FS IP W IF	HM2099
JAM-A, Mouse	BV12		100 µg	FC IA IF	HM1050
JAM-A, Mouse, FITC	BV12		100 µg	FC IA IF	HM1050F
JAM-C, Mouse	CRAM-19 H36	Hu	100 µg	F FC IA IP	HM1056
JAM-C, Mouse, FITC	CRAM-19 H36	Hu	100 µg	F FC IA	HM1056F
JAM-C, Mouse	CRAM-18 F26	Hu	100 µg	FS F FC IA IP	HM1057
Ly-6C, Mouse	ER-MP20		100 µg	F FC IA P	HM1082
MAdCAM-1, Human	314G8		100 µg	FS F FC IA P W	HM2207
MRP-8, Human	7C12/4		100 µg	FC IA W	HM2175
MRP-14, Human	1H9		100 µg	FC IA W	HM2176
Nectin-2, Mouse	502-57	Hu	100 µg	F FC IA IP W	HM1052
Nectin-3, Mouse	103-A1		100 µg	F FC IA IP	HM1053
Nitrotyrosine	HM.11		100 µg	F IA P W	HM5001
Nitrotyrosine, biotinylated	HM.11		50 µg	F IA P W	HM5002

ENDOTHELIUM

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
Occludin, Human	pAb	Ca, Ms, Rat	100 µg	F W IF	HP9047
PAI-1, Human	MA-33H1F7	Ms, Rb, Rat	100 µg	FS F IA W	HM2179
PAI-1, Human	MA-55F4C12	Ms, Rat	100 µg	FS IA	HM2180
PAI-1, Human	MA-56A7C10	Sw	100 µg	FS IA	HM2181
PAI-1, Rat	MA-124K1	Ms	100 µg	FS IA	HM3026
PECAM-1, Human	BV8		100 µg	FC IA IP	HM2039
PECAM-1, Mouse	MEC7.46		100 µg	F FC FS IA IP	HM1013
PECAM-1, Mouse, biotinylated	MEC7.46		50 µg	F FC IA	HM1014
PECAM-1, Mouse, FITC	MEC7.46		100 µg	F FC IA	HM1013F
PECAM-1, Mouse	ER-MP12		100 µg	F FC P	HM1084
PLVAP, Human	174/2		100 µg	F FC W IF	HM2214
Protein C, Human	PC50		100 µg	IA W	HM2149
Protein C, Human	PC98		100 µg	IA W	HM2150
Protein S, Human	PS7		100 µg	FC W	HM2148
Protein S, Human FITC	PS7		100 µg	FC W	HM2148F
SAA-1, Human	Reu 86.1		100 µg	F IA P	HM2100
SAA-1, Human	Reu 86.5		100 µg	F IA P	HM2101
Thrombomodulin, Human	RTM96		100 µg	FS FC W	HM2146
Thrombomodulin, Human	RTM98		100 µg	FC W	HM2147
VAP-1, Human	174-5	Rat	100 µg	FS F FC W IF	HM2213
VAP-1, Mouse	7-88		100 µg	FS F FC IF	HM1094
VCAM-1, Human	1G11B1		100 µg	F FC IA IP	HM4006
VCAM-1, Human, biotinylated	1G11B1		50 µg	F FC IA	HM4007
VE-Cadherin, Human	BV9		100 µg	FS F FC IA IP W	HM2032
VE-Cadherin, Human, FITC	BV9		100 µg	F FC IA W	HM2032F
VG5Q, Human	pAb		100 µg	F IA IP P W	HP9037
VG5Q, Mouse	pAb		100 µg	F IA IP P W	HP8017
ZO-1, Human	pAb	Ca, Ms	100 µg	F W IF	HP9043
ZO-1, alpha+, Human	pAb	Ca, Ms, Rat	100 µg	F P W IF	HP9044
ZO-1, alpha-, Human	pAb	Ca, Ms, Rat	100 µg	F P W IF	HP9045
ZO-2, Human	pAb	Ms	100 µg	F W IF	HP9046

EPITHELIUM

Epithelium is a tissue composed of cells that line the cavities and surfaces of structures throughout the body. Many glands are also formed from epithelial tissue. It lies on top of connective tissue, and the two layers are separated by a basement membrane. In humans, epithelium is classified as a primary body tissue, the other ones being connective tissue, muscle tissue and nervous tissue.

PROTEINS / PEPTIDES

Name	Quantity	Cat.#
Elafin, Human, Recombinant	50 µg	HC4011
LL-37, Human, Peptide	50 µg	HC4013

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
Alpha-V/beta-3 integrin, Human	BV4		100 µg	FC IA IP W	HM2035
Barmotin/7H6 antigen, Human	7H6	Ca, Chk, Ms, Rat	100 µg	F W	HM2102
Beta1 Integrin, Human	BV7		100 µg	FS FC IA IP W	HM2033
Beta1 Integrin, Human, FITC	BV7		100 µg	FC IA W	HM2033F
Beta-Catenin, Human	9F2		100 µg	IP W IF	HM2112
BPI, Human	3F9		100 µg	IA	HM2041
BPI, Human	4H5		100 µg	IA	HM2042
BPI, Human	4E3		100 µg	FS FC IA	HM2170
BPI, Human	pAb		100 µg	IA IP	HP9022
C3aR, Human	17		100 µg	F FC	HM2195
C3aR, Rat	74		100 µg	F FC	HM3028
C5aR, Human	S5/1		100 µg	FS FC P W	HM2094
C5aR, Human	W17/1		100 µg	F FC P	HM2095
C5aR, Mouse	20/70		100 µg	FS FC	HM1076
C5aR, Mouse	10/92		100 µg	F FC	HM1077

EPITHELIUM

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
C5aR, Rat	R63		100 µg	F FC	HM3017
Carcinoma associated antigen MAM6, Human	115D8		100 µg	F IP P W	HM2131
Caveolin-1, Rat	7C8		100 µg	IP W	HM3014
CC16, Human	AY1E6		100 µg	F IA P W	HM2178
CD26, Rat	5E8		100 µg	F IA IP W	HM3021
CD34, Mouse	MEC14.7		100 µg	F FC IA IP P W IF	HM1015
CD35, Human	31R		100 µg	F FC IA IP P W	HM2107
CD36, Human	FA6-152		100 µg	FS F FC IA IP W	HM2122
CD36, Human, biotinylated	FA6-152		50 µg	F FC IA W	HM2122BT
CD36, Human, FITC	FA6-152		100 µg	F FC IA W	HM2122F
CD36, Mouse	CRF D-2712	Rat	200 µg	FC FS IP W	HM1074
CD36, Rat	UA009		100 µg	FS F FC IA IP	HM3019
CD44, Human	NKI-P2		100 µg	F FC P	HM2127
CD68, Human	KP1		1 ml	F FC IP P W	HM2177
CD68, Mouse	FA-11		100 µg	F FC IP W	HM1070
CD68, Rat	ED1		100 µg	F FC IP P W	HM3029
CD205, Mouse	NLDC-145		100 µg	F FC	HM1069
Desmoglein-1, Human	27B2		100 µg	F IP W IF	HM2113
Desmoglein-2, Human	6D8		100 µg	IP W IF	HM2114
Desmoglein-3, Human	5G11		100 µg	IP P W IF	HM2115
E-FABP, Human	pAb		100 µg	IA W	HP9030
Elafin, Human	TRAB2O		100 µg	IA P W	HM2062
Elafin, Human	TRAB2F		100 µg	IA P W	HM2063
Elafin, Human	pAb		1 ml	IA P W	HP9025
HAKAI, Human	pAb		100 µg	F W IF	HP9038
ICAM-1, Human	HM.2		100 µg	F IA IP IF P	HM2104
ICAM-1, Human, biotinylated	HM.2		50 µg	F IA IF P	HM2104BT
ICAM-1, Human	HM.1		100 µg	F IA IP IF	HM4004
ICAM-1, Human, biotinylated	HM.1		50 µg	F IA IF	HM4005
ICAM-1, Human, biotinylated	pAb	Bb, Chmp, CynMk, RMk	50 µg	F IA W	HP9018
JAM-A, extracellular domain-1, Human	pAb		100 µg	FC P W	HP9041
JAM-A, extracellular domain-2, Human	pAb		100 µg	FC P W	HP9042
JAM-A, Human	BV16		100 µg	F FC	HM2098
JAM-A, Human	M.Ab.F11		100 µg	FC FS IP W	HM2099
JAM-A, Mouse	BV12		100 µg	FC IA IF	HM1050
JAM-A, Mouse, FITC	BV12		100 µg	FC IA IF	HM1050F
Keratin 7, Human	OVTL 12/30		100 µg	P W	HM2128
Lactoferricin, Bovine	5F12.1.2		100 µg	IA W	HM4012
Lactoferrin, Bovine	a-bC-lobe	Hu, Kgoat	100 µg	IA W	HM4013
Lactoferrin, Bovine	pAb		100 µg	IA IP W	HP7001
Lactoferrin, Human	265-1K1		100 µg	F IA W	HM2173
Lactoferrin, Human	pAb		100 µg	IA IP W	HP9034
LL-37/CAP18, Human	3D11		100 µg	P	HM2070
LL-37/CAP18, Human	1-1C12		100 µg	W	HM2071
Nectin-2, Mouse	502-57	Hu	100 µg	F FC IA IP W	HM1052
Nectin-3, Mouse	103-A1		100 µg	F FC IA IP	HM1053
NGAL, Human	697		100 µg	IA IF	HM2193
Nitrotyrosine	HM.11		100 µg	F IA P W	HM5001
Nitrotyrosine, biotinylated	HM.11		50 µg	F IA P W	HM5002
Occludin, Human	pAb	Ca, Ms, Rat	100 µg	F W IF	HP9047
SLPI, Human	31		100 µg	F IA IP P W	HM2037
SLPI, Human, biotinylated	31		50 µg	F IA P W	HM2038
SLPI, Human	pAb		100 µg	IA IP W	HP9024
ZO-1, Human	pAb	Ca, Ms	100 µg	F W IF	HP9043
ZO-1, alpha+, Human	pAb	Ca, Ms, Rat	100 µg	F P W IF	HP9044
ZO-1, alpha-, Human	pAb	Ca, Ms, Rat	100 µg	F P W IF	HP9045
ZO-2, Human	pAb	Ms	100 µg	F W IF	HP9046

LEUKOCYTE

Antibodies to cell surface molecules present on leukocytes can be used to study the role of various cell types in the immune system. These leukocyte markers, of which most are designated as CD molecules, can act in numerous ways. Often they function as receptors or ligands, where they can be involved in signal transduction. Other cell surface molecules on leukocytes have a role in cell adhesion. Leukocyte markers are frequently used for cell separation by means of various methods, including flow cytometry.

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
Activated CD11/CD18, Human	24		100 µg	F FC FS IA IP	HM2183
Apoptotic Neutrophils, Human	BOB93		100 µg	FC W	HM2154
Apoptotic Neutrophils, Human, biotinylated	BOB93		50 µg	FC W	HM2154BT
Apoptotic Neutrophils, Human, FITC	BOB93		100 µg	FC W	HM2154F
B-cell specific, Rat	68-1B3		100 µg	F FC	HM3004
Calprotectin, Human	27E10	RMk	100 µg	F FC IA IP P W	HM2156
Calprotectin, Human, biotinylated	27E10	RMk	50 µg	F FC IA P W	HM2156BT
Calprotectin, Human, FITC	27E10	RMk	100 µg	F FC IA P W	HM2156F
CD3, Human	SPV-T3b		100 µg	FS F FC	HM2124
CD4, Rat	15-8A2		100 µg	F FC	HM3001
CD5, Rat	2-4-2B1		100 µg	F FC	HM3002
CD8, Rat	15-11C5		100 µg	F FC	HM3003
CD11b, Human	Bear-1		100 µg	F FC IP	HM2125
CD11b, Human, FITC	Bear-1		100 µg	F FC	HM2125F
CD13, Mouse	ER-BMDM1		100 µg	F FC P	HM1083
CD14, Human	MEM-15		100 µg	FC W	HM2060
CD14, Human	18D11		100 µg	FS FC	HM2224
CD14, Mouse	Sa14-2		100 µg	FS FC IP W	HM1060
CD14, Mouse, FITC	Sa14-2		100 µg	FC W	HM1060F
CD21, Human	21B9		100 µg	FC W	HM2139
CD34, Mouse	MEC14.7		100 µg	F FC IA IP P W IF	HM1015
CD36, Human	FA6-152		100 µg	FS F FC IA IP W	HM2122
CD36, Human, biotinylated	FA6-152		50 µg	F FC IA W	HM2122BT
CD36, Human, FITC	FA6-152		100 µg	F FC IA W	HM2122F
CD36, Mouse	CRF D-2712		200 µg	FC FS IP W	HM1074
CD36, Rat	UA009		100 µg	FS F FC IA IP	HM3019
CD44, Human	NKI-P2		100 µg	F FC P	HM2127
CD46, Human	M177		100 µg	FS F FC IA IP P W	HM2103
CD46, Human, FITC	M177		100 µg	F FC IA P W	HM2103F
CD55, Human	D17		100 µg	FC W	HM2105
CD55, Human, FITC	D17		100 µg	FC W	HM2105F
CD56, Human	123C3		100 µg	F P IF	HM2132
CD56, Human	NKI-nbl-1		100 µg	F FC	HM2133
CD59, Human	MEM-43		100 µg	FS FC IP W	HM2120
CD68, Human	KP1		1 ml	F FC IP P W	HM2177
CD68, Mouse	FA-11		100 µg	F FC IP W	HM1070
CD68, Rat	ED1		100 µg	F FC IP P W	HM3029
CD73, Human	4G4		100 µg	FS F FS IF	HM2215
CD96, Mouse	6A6		100 µg	FC FS IA W	HM1105
CD96, Human	NK92.39		100 µg	FC FS	HM2210
CD154, Human	24-31		100 µg	FS FC IA IP W	HM2222
CD155, Mouse	3F1		100 µg	FC FS IA W	HM1106
CD163, Human	RM3/1	Mk	100 µg	F FC IA IP P W	HM2157
CD163, Rat	ED2		100 µg	F FC IP P	HM3025
CD180, Human	MHR73		100 µg	F FC FS IP	HM2083
CD180, Human, biotinylated	MHR73		50 µg	F FC	HM2084
CD180, Human, FITC	MHR73		100 µg	F FC	HM2083F
CD180, Mouse	RP/14		100 µg	FC FS	HM1031
CD180, Mouse, biotinylated	RP/14		50 µg	FC	HM1032
CD180, Mouse, FITC	RP/14		100 µg	FC	HM1031F
CD200R3, Mouse	Ba103		100 µg	FC FS IP W	HM1103
CD200R3, Mouse	Ba91		100 µg	FC FS IP W	HM1104
CD205, Mouse	NLDC-145		100 µg	F FC	HM1069
CD222, Human	MEM-238		100 µg	FC W	HM2121
DC-SIGN, Human	DCN47.5		100 µg	FC FS	HM2209

LEUKOCYTE

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
DC-SIGN, Human, biotinylated	DCN47.5		50 µg	FC	HM2209BT
DC-SIGN, Human, FITC	DCN47.5		100 µg	FC	HM2209F
Dendritic cell specific, Rat	1F119		100 µg	F FC	HM3005
Dendritic cells, Mouse	MIDC-8		100 µg	F	HM1071
Endoglin, Human	E9		100 µg	F FC IA IP W	HM2140
Endothelial cell antigen, Rat	RECA-1		100 µg	F IF	HM3012
E-Selectin, Human	ENA1	Bb, Chmp, CynMk, RMk	100 µg	FS F IA IP	HM4001
E-Selectin, Human, biotinylated	ENA1	Bb, Chmp, CynMk, RMk	50 µg	F IA	HM4002
E-Selectin, Human	ENA2	Bb, Chmp, CynMk, RMk	100 µg	FS F IA	HM4003
E-Selectin, Human, biotinylated	pAb	Bb, Chmp, CynMk, RMk	50 µg	F IA W	HP9017
Fibroblasts, Mouse	ER-TR7	Hu	100 µg	F FC IF	HM1086
ICAM-1, Human	HM.2		100 µg	F IA IP IF P	HM2104
ICAM-1, Human, biotinylated	HM.2		50 µg	F IA IF P	HM2104BT
ICAM-1, Human	HM.1		100 µg	F IA IP IF	HM4004
ICAM-1, Human	HM.1		50 µg	F IA IF	HM4005
ICAM-1, Human, biotinylated	pAb	Bb, Chmp, CynMk, RMk	50 µg	F IA IP W	HP9018
Leukocyte common antigen like, Rat	50-4B1		100 µg	F FC	HM3006
Ly-6c, Mouse	ER-MP20		100 µg	F FC IA P	HM1082
Macrophage specific, Rat	F-6-J		100 µg	F FC	HM3007
Macrophages F4/80, Mouse	BM8	Hu	100 µg	F FC IP P W	HM1066
Macrophages F4/80, Mouse, biotinylated	BM8	Hu	Soon	F FC P W	HM1066BT
Macrophages F4/80, Mouse, FITC	BM8	Hu	100 µg	F FC P W	HM1066F
Macrophages MATURE, Human	25F9	RMk, Sw	100 µg	F FC P W	HM2158
Macrophages, Human, biotinylated	25F9	RMk, Sw	Soon	F FC P W	HM2158BT
Macrophages, Human, FITC	25F9	RMk, Sw	Soon	F FC P W	HM2158F
Mannose receptor, Human	15-2		100 µg	F FC FS IA IP W	HM2056
Mannose receptor, Human, biotinylated	15-2		50 µg	F FC IA W	HM2057
Mannose receptor, Mouse	MR5D3		100 µg	F FC IP W	HM1049
MARCO, Human	PLK1	Bo	100 µg	FS F FC	HM2208
MARCO, Mouse	ED31		100 µg	FS F FC IP	HM1068
M-CSF, Mouse	ER-MP58		100 µg	F FC	HM1089
M-CSF, Mouse	ER-MP58		100 µg	F FC	HM1089F
Melanocyte antigen, Human	PNL2		1 ml	F IP P W	HM2155
MGL, Mouse	ER-MP23		100 µg	FS F FC	HM1081
MHC I, Mouse	ER-HR52		100 µg	F FC	HM1090
MHC I, Mouse	ER-MP42		100 µg	F FC	HM1091
MHC II, Mouse	ER-TR3	Hu	100 µg	F FC P	HM1087
MHC class II, Rat	53-5D2		100 µg	F FC	HM3008
Monocytes/Macrophages, Mouse	ER-HR3		100 µg	F FC P	HM1088
Monocytes/Macrophages, Mouse, FITC	ER-HR3		100 µg	F FC P	HM1088F
MPO, Human	266-6K1		100 µg	F IA W	HM2164
MPO, Human, biotinylated	266-6K1		50 µg	F IA W	HM2164BT
MPO, Human, FITC	266-6K1		100 µg	F IA W	HM2164F
MPO, Human	pAb	Ms, Rat	1 ml	F IA P	HP9048
MPO, Mouse	8F4	Rat	100 µg	F FC IA	HM1051
MPO, Mouse, biotinylated	8F4	Rat	50 µg	F FC IA	HM1051BT
MPO, Mouse, FITC	8F4	Rat	100 µg	F FC IA	HM1051F
MPO, Rat	2D4	Ms	100 µg	F FC IA IF	HM3030
MPO, Rat, biotinylated	2D4	Ms	50 µg	F FC IA IF	HM3030BT
MPO, Rat, FITC	2D4	Ms	100 µg	F FC IA IF	HM3030F
Neutrophils, Mouse	NIMP-R14		100 µg	F FC FS P	HM1039
Neutrophils, Mouse, biotinylated	NIMP-R14		50 µg	F FC P	HM1039BT
Neutrophils, Mouse, FITC	NIMP-R14		100 µg	F FC P	HM1039F
NGAL, Human	697		100 µg	IA IF	HM2193
Pan T cells, Rat	15-6A1		100 µg	F FC	HM3009
PECAM-1, Human	BV8		100 µg	FC IA IP	HM2039
PECAM-1, Mouse	MEC7.46		100 µg	F FC FS IA IP	HM1013
PECAM-1, Mouse, biotinylated	MEC7.46		50 µg	F FC IA	HM1014
PECAM-1, Mouse, FITC	MEC7.46		100 µg	F FC FS IA IP	HM1013F
PECAM-1, Mouse	ER-MP12		100 µg	F FC P	HM1084

LEUKOCYTE

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
PLVAP, Human	174/2		100 µg	F FC W IF	HM2214
SIGN-R1, Mouse	ER-TR9		>200 µg/ml	FS F FC FS P	HM1080
SR-A, Mouse	2F8		100 µg	FS F FC IA IP W	HM1061
Thrombomodulin, Human	RTM96		100 µg	FS FC W	HM2146
Thrombumodulin, Human	RTM98		100 µg	FC W	HM2147
TLR1, Human	GD2.F4		100 µg	FC	HM2085
TLR1, Human, biotinylated	GD2.F4		50 µg	FC	HM2086
TLR1, Human, FITC	GD2.F4		100 µg	FC	HM2085F
TLR2, Human	TL2.1	Ca, MMk, CynMk, RMk	100 µg	FS F FC IA IP P W	HM2064
TLR2, Human, biotinylated	TL2.1	Ca, MMk, CynMk, RMk	50 µg	F FC IA P W	HM2065
TLR2, Human, FITC	TL2.1	Ca, MMk, CynMk, RMk	100 µg	F FC IA P W	HM2064F
TLR2, Human	TL2.3		100 µg	FC IA W	HM2066
TLR2, Human, biotinylated	TL2.3		50 µg	FC IA W	HM2067
TLR2, Human, FITC	TL2.3		100 µg	FC	HM2066F
TLR2, Human	TLR2.45		100 µg	FS FC IP	HM2220
TLR2, Human, biotinylated	TLR2.45		50 µg	FS FC IP	HM2220BT
TLR2, Human, FITC	TLR2.45		100 µg	FS FC IP	HM2220F
TLR2, Mouse	6C2		100 µg	FC IP IF	HM1047
TLR2, Mouse, biotinylated	6C2		50 µg	FC	HM1048
TLR2, Mouse, FITC	6C2		100 µg	FC IF	HM1047F
TLR2, Mouse	T2.5	Hu	100 µg	FS F FC IP	HM1054
TLR2, Mouse, biotinylated	T2.5	Hu	50 µg	F FC	HM1055
TLR2, Mouse, FITC	T2.5	Hu	100 µg	F FC	HM1054F
TLR2, Mouse	mT2.7		100 µg	F FC IP	HM1058
TLR2, Mouse, biotinylated	mT2.7		50 µg	F FC	HM1059
TLR2, Mouse, FITC	mT2.7		100 µg	F FC IA	HM1058F
TLR2, Mouse	mT2.4		100 µg	FS F FC IA P	HM1092
TLR2, Mouse, biotinylated	mT2.4		50 µg	F FC IA P	HM1092BT
TLR2, Mouse, FITC	mT2.4		100 µg	FC	HM1092F
TLR2, Mouse	pAb		50 µg	FC W	HP8016
TLR3, Human	TLR3.7		100 µg	FC FS W	HM2096
TLR3, Human, biotinylated	TLR3.7		50 µg	FC W	HM2097
TLR3, Human, FITC	TLR3.7		100 µg	FC	HM2096F
TLR4, Human	HTA125	Ca, MMk, CynMk, RMk	100 µg	FS F FC IP	HM2068
TLR4, Human, biotinylated	HTA125	Ca, MMk, CynMk, RMk	50 µg	F FC	HM2069
TLR4, Human, FITC	HTA125	Ca, MMk, CynMk, RMk	100 µg	FC	HM2068F
TLR4/MD2, Mouse	MTS510		100 µg	FS F FC IP	HM1029
TLR4/MD2, Mouse, biotinylated	MTS510		50 µg	F FC	HM1030
TLR4/MD2, Mouse, FITC	MTS510		100 µg	F FC	HM1029F
TLR5, Human	19D759.2		100 µg	F FC P W	HM2159
TLR6, Human	TLR6.127		100 µg	FS FC IP	HM2221
TLR6, Human, biotinylated	TLR6.127		50 µg	FS FC IP	HM2221BT
TLR6, Human, FITC	TLR6.127		100 µg	FS FC IP	HM2221F
TLR7, Human	pAb		100 µg	FC P W	HP9040
TLR8, Human	44C143		100 µg	FC F IP P W	HM2160
TLR9, Human	5G5	Ca, Ms	100 µg	F FC IA W	HM2087
TLR9, Human, biotinylated	5G5	Ca, Ms	50 µg	F FC IA W	HM2088
TLR9, Human, FITC	5G5	Ca, Ms	100 µg	F FC IA W	HM2087F
TLR9, Mouse	5G5	Ca, Hu	100 µg	F FC IA W	HM1042
TLR9, Mouse, biotinylated	5G5	Ca, Hu	50 µg	F FC IA W	HM1043
TLR9, Mouse, FITC	5G5	Ca, Hu	100 µg	F FC IA W	HM1042F
TNF-R I, Human	MR1-2	CynMk, RMk	100 µg	F FC FS IA	HM2005
TNF-R I, Human, biotinylated	MR1-2	CynMk, RMk	50 µg	F FC IA	HM2006
TNF-R I, Human	H398	Rat	100 µg	F FC FS IA IP W	HM2020
TNF-R I, Human, biotinylated	H398	Rat	50 µg	F FC IA W	HM2021
TNF-R I, Human, FITC	H398	Rat	100 µg	F FC IA IP W	HM2020F
TNF-R I, Human	pAb		100 µg	FS IA IP W	HP9002
TNF-R I, Mouse	HM104		100 µg	F FC IA IP	HM1009
TNF-R I, Mouse, biotinylated	HM104		50 µg	F FC IA	HM1010
TNF-R I, Mouse, FITC	HM104		100 µg	F FC IA	HM1009F

LEUKOCYTE

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
TNF-R I, Mouse	pAb		100 µg	FC FS IA IP W	HP8002
TNF-R II, Human	MR2-1	CynMk, RMk	100 µg	F FC FS IA IP W	HM2007
TNF-R II, Human, biotinylated	MR2-1	CynMk, RMk	50 µg	F FC IA W	HM2008
TNF-R II, Human	80M2	Rat	100 µg	F FC FS IA IP W	HM2022
TNF-R II, Human, biotinylated	80M2	Rat	50 µg	F FC IA W	HM2023
TNF-R II, Human, FITC	80M2	Rat	100 µg	FC IA IF	HM2022F
TNF-R II, Human	pAb		100 µg	FC FS IA IP W	HP9003
TNF-R II, Mouse	HM102		100 µg	F FC FS IA IP	HM1011
TNF-R II, Mouse, biotinylated	HM102		50 µg	F FC IA	HM1012
TNF-R II, Mouse, FITC	HM102		100 µg	F FC IA	HM1011F
TNF-R II, Mouse	pAb		100 µg	FC IA IP W	HP8003
Transferrin receptor 1, Human	3B8 2A1		100 µg	F FC IA IP W	HM2134
Transferrin receptor 1, Mouse	ER-MP21		100 µg	FS F FC	HM1085
VAP-1, Human	174-5	Rat	100 µg	FS F FC W IF	HM2213
VAP-1, Mouse	7-88		100 µg	FS F FC IF	HM1094
VCAM-1, Human	1G11B1		100 µg	F FC IA IP	HM4006
VCAM-1, Human, biotinylated	1G11B1		50 µg	F FC IA	HM4007

NEUTROPHIL

Neutrophils protect the host against microorganisms and participate in inflammatory processes. A number of distinct specialized proteins are involved in the antimicrobial activity of this polymorphonuclear cell. Neutrophils have potent microbial killing capacities of phagocytosed microbes. Neutrophils and neutrophil products are normally found in the blood stream, but appear during inflammation also in other body fluids, including nasal and lung secretions and feces. At the onset of inflammation neutrophils penetrate tissues by a process of adherence to adhesion molecules on the blood vessel wall followed by diapedesis. Chemotaxis steers the migration to sites of infection or tissue injury. Several neutrophil products have been used as indicators of inflammation. For histological assessment of neutrophil infiltration, antibodies to specific neutrophil products and cell surface makers for normal as well as and apoptotic neutrophils are important tools.

ASSAYS

Name	Cross reactivity	Quantity	Cat.#
Arginase I, Human, ELISA kit		2 x 96 det.	HK322
BPI, Human, ELISA kit		2 x 96 det.	HK314
Calprotectin, Human, ELISA kit		2 x 96 det.	HK325
Elastase, Human, ELISA kit		2 x 96 det.	HK319
HNP1-3, Human, ELISA kit	RMk	2 x 96 det.	HK317
IL-8, Human, ELISA kit	OwMk	2 x 96 det.	HK310
IP-10, Human, ELISA kit		2 x 96 det.	HK311
Lactoferrin, Human, ELISA kit		2 x 96 det.	HK329
LL-37, Human, ELISA kit		2 x 96 det.	HK321
MPO, Human, ELISA kit		2 x 96 det.	HK324
MPO, Mouse, ELISA kit		2 x 96 det.	HK210
MPO, Rat, ELISA kit		2 x 96 det.	HK105
NGAL, Human, ELISA kit		2 x 96 det.	HK330
SLPI, Human, ELISA kit		2 x 96 det.	HK316

PROTEINS/PEPTIDES

Name	Quantity	Cat.#
C5L2, Human, Peptide	10 µg	HC2103
C5L2, Mouse, Peptide	10 µg	HC1103
C5L2, Rat, Peptide	10 µg	HC3103
HNP1-3, Human, Natural	100 µg	HC4014
LL-37, Human, Peptide	50 µg	HC4013

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
Activated CD11/CD18, Human	24		100 µg	F FC FS IA IP	HM2183
Apoptotic Neutrophils, Human	BOB93		100 µg	FC W	HM2154
Apoptotic Neutrophils, Human, biotinylated	BOB93		50 µg	FC W	HM2154BT
Apoptotic Neutrophils, Human, FITC	BOB93		100 µg	FC W	HM2154F
Arginase I, Human	6G3		100 µg	IA IP	HM2162

NEUTROPHIL

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
Arginase I, Human	9C5		100 µg	IA IP	HM2163
BPI, Human	3F9		100 µg	IA	HM2041
BPI, Human	4H5		100 µg	IA	HM2042
BPI, Human	4E3		100 µg	FS FC IA	HM2170
BPI, Human	pAb		100 µg	IA IP	HP9022
C3aR, Human	17		100 µg	F FC	HM2195
C3aR, Rat	74		100 µg	F FC	HM3028
C5aR, Human	S5/1		100 µg	FS FC P W	HM2094
C5aR, Human	W17/1		100 µg	F FC P	HM2095
C5aR, Mouse	20/70		100 µg	FS FC	HM1076
C5aR, Mouse	10/92		100 µg	F FC	HM1077
C5aR, Rat	R63		100 µg	F FC	HM3017
C5L2, Human	pAb		100 µg	FC	HP9036
C5L2, Mouse	pAb		100 µg	FC FS	HP8015
C5L2, Rat	pAb		100 µg	FC FS	HP8018
Calprotectin, Human	27E10	RMk	100 µg	F FC IA IP P W	HM2156
Calprotectin, Human, biotinylated	27E10	RMk	50 µg	F FC IA P W	HM2156BT
Calprotectin, Human, FITC	27E10	RMk	100 µg	F FC IA P W	HM2156F
CD11b, Human	Bear-1		100 µg	F FC IP	HM2125
CD11b, Human, FITC	Bear-1		100 µg	F FC	HM2125F
CD13, Mouse	ER-BMDM1		100 µg	F FC P	HM1083
CD14, Human	MEM-15		100 µg	FC W	HM2060
CD14, Human	18D11		100 µg	FS FC	HM2224
CD14, Mouse	Sa14-2		100 µg	FS FC IP W	HM1060
CD14, Mouse, FITC	Sa14-2		100 µg	FC W	HM1060F
CD35, Human	31R		100 µg	F FC IA IP P W	HM2107
CD154, Human	24-31		100 µg	FS FC IA IP W	HM2222
Chlorotyrosine	pAb		100 µg	F IA P	HP5002
CRISP-3, Human	pAb		100 µg	IA P W	HP9033
Elastase, Human	pAb		100 µg	IA	HP9027
Elastase, Human	265-3K1		100 µg	IA W	HM2174
Endoglin, Human	E9		100 µg	F FC IA IP W	HM2140
Ethnoadenosine, Human	1G4		100 µg	F FC IA IP W	HM5005
HNP1-3, Human	D21	RMk	100 µg	F FC IA P W	HM2058
HNP1-3, Human, biotinylated	D21	RMk	50 µg	F FC IA P W	HM2059
IL-8, Human	pAb	CynMk, RMk	100 µg	FS IA IP W	HP9006
IP-10, Human	6D4		100 µg	FC IA W	HM2030
IP-10, Human, biotinylated	6D4		50 µg	FC IA W	HM2031
IP-10, Human, FITC	6D4		100 µg	F FC IA W IF	HM2030F
Lactoferrin, Bovine	5F12.1.2		100 µg	IA W	HM4012
Lactoferrin, Bovine	a-bC-lobe	Hu, Kgoat	100 µg	IA W	HM4013
Lactoferrin, Bovine	pAb		100 µg	IA IP W	HP7001
Lactoferrin, Human	265-1K1		100 µg	F IA W	HM2173
Lactoferrin, Human	pAb		100 µg	IA IP W	HP9034
LL-37/CAP18, Human	3D11		100 µg	P	HM2070
LL-37/CAP18, Human	1-1C12		100 µg	W	HM2071
Lysozyme, Human	pAb		100 µg	IA IP W	HP9035
MPO, Human	266-6K1		100 µg	F IA W	HM2164
MPO, Human, biotinylated	266-6K1		50 µg	F IA W	HM2164BT
MPO, Human, FITC	266-6K1		100 µg	F IA W	HM2164F
MPO, Human	pAb	Ms, Rat	1 ml	F IA P	HP9048
MPO, Mouse	8F4	Rat	100 µg	F FC IA	HM1051
MPO, Mouse, biotinylated	8F4	Rat	50 µg	F FC IA	HM1051BT
MPO, Mouse, FITC	8F4	Rat	100 µg	F FC IA	HM1051F
MPO, Rat	2D4	Ms	100 µg	F FC IA IF	HM3030
MPO, Rat, biotinylated	2D4	Ms	50 µg	F FC IA IF	HM3030BT
MPO, Rat, FITC	2D4	Ms	100 µg	F FC IA IF	HM3030F
MRP-8, Human	7C12/4		100 µg	FC IA W	HM2175
MRP-14, Human	1H9		100 µg	FC IA W	HM2176
Neutrophils, Mouse	NIMP-R14		100 µg	F FC FS P	HM1039

NEUTROPHIL

MAB / PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
Neutrophils, Mouse, biotinylated	NIMP-R14		50 µg	F FC P	HM1039BT
Neutrophils, Mouse, FITC	NIMP-R14		100 µg	F FC P	HM1039F
NGAL, Human	697		100 µg	IA IF	HM2193
Proteinase 3, Human	WGM2		100 µg	FS F FC IA P W	HM2171
Proteinase 3, Human, FITC	WGM2		100 µg	F FC IA P W	HM2171F
Proteinase 3, Human	PR3G-2		100 µg	F FC IA W	HM2172
Proteinase 3, Human, FITC	PR3G-2		100 µg	F FC IA W	HM2172F
SLPI, Human	31		100 µg	F IA IP P W	HM2037
SLPI, Human, biotinylated	31		50 µg	F IA P W	HM2038
SLPI, Human	pAb		100 µg	IA IP W	HP9024

ORGAN SPECIFIC PRODUCTS

Organ specific products describe our products which are specific or important for the mentioned organ tissue. For more information regarding these organ tissues or more related products please have a look at our website.

BRAIN

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
AlF-1, Human	1022-5	Rat	100 µg	IA P W	HM2184
Brain alpha-dystroglycan, Bovine	2238	Hu, Ms, Rb, Rat	100 µg	IA W	HM5010
Peripheral myelin protein 22, Human	CF1		100µg	IA P W	HM2219
Regucalcin, Rat	Regucalcin M	Hu, Ms, Rb	1 ml	FS F FC IA IP P W	HM3018
SAST124, Rat	#21		100 µg	F IA IP W	HM3016

INTESTINE

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
Aurora-A kinase, Human	35C1	Ms	100 µg	F FC IA IP P W	HM2123
Regucalcin, Rat	Regucalcin M	Hu, Ms, Rb	1 ml	FS F FC IA IP P W	HM3018
Smoothelin, Human	C6G	Goat, Rb	100 µg	F FC W IF	HM2119
Smoothelin, Human, FITC	C6G	Goat, Rb	100 µg	F W IF	HM2119F

KIDNEY

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
H-FABP, Human, ELISA kit			1 x 96 det.		HK401
H-FABP, Human, ELISA kit			2 x 96 det.		HK402
L-FABP, Human, ELISA kit			2 x 96 det.		HK404
NGAL, Human, ELISA kit			2 x 96 det.		HK330
Regucalcin, Rat	Regucalcin M	Hu, Ms, Rb	1 ml	FS F FC IA IP P W	HM3018

LIVER

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
ASGPR, Rat	8D7	Hu	100 µg	F FC IA W	HM3020
ASGPR, Rat, FITC	8D7	Hu	100 µg	F FC IA W	HM3020F
Regucalcin, Rat	Regucalcin M	Hu, Ms, Rb	1 ml	FS F FC IA IP P W	HM3018

ANTIBODY BASED PRODUCTS

MOUSE MAB ISOTYPING KITS

The Hycult Biotech Mouse Monoclonal Antibody Isotyping Kit is based on a one-step detection system. The process involves the capture of the mouse immunoglobulins by a specific anti-mouse monoclonal antibody which is immobilized on the test strip. Captured mouse immunoglobulins are detected directly by a second monoclonal antibody which is coupled to colloid particles. This detector complex results in the formation of a black spot on the test strip. The bound antibody and colloidal detector complex form a visual signal and a permanent record of results. Note: Less than 2% of hybridoma lines produce immunoglobulins which are of the lambda light chain configuration. This can be detected by a second step.

MOUSE MAB ISOTYPING KITS

Name	Quantity	Cat.#
Mouse Mab Isotyping kit	10 tests	HL2010
Mouse Mab Isotyping kit	20 tests	HL2020

CHICKEN / DUCK IGY KITS AND ANTIBODIES

Yolk of eggs laid by immunized chickens is an excellent source of polyclonal antibodies (pAb). Specific antibodies produced by chickens offer several important advantages over producing antibodies in other mammals. Because a single egg contains as much antibody as an average bleed from a rabbit, this simple, non-invasive approach presents an appealing alternative to conventional pAb production methods. In addition, the eggs from immunized chickens provide a continual, daily source of pAb. Due to the phylogenetic distance between birds and mammals, there is greater potential of producing specific antibodies against conserved mammalian antigens when using chickens. Hycult Biotech has developed immuno assays for the quantitative measurement of chicken and duck IgY. The assay can be used to quantify chicken IgY during various purification steps of IgY.

ASSAYS

Name	Quantity	Cat.#
IgY, Chicken, ELISA kit	2 x 96 det.	HK502
IgY, Duck, ELISA kit	2 x 96 det.	HK505

MAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
IgY, Chicken	7C2	Duck	100 µg	IA IP W	HM4009
IgY, Chicken, biotinylated	7C2	Duck	50 µg	IA W	HM4010
IgY, Chicken, HRP	7C2	Duck	50 µg	IA W	HM4011

SECONDARY ANTIBODIES / REAGENTS

A secondary antibody is an antibody that binds to primary antibodies or antibody fragments. They are typically labeled with probes that make them useful for detection, purification or cell sorting applications.

PAB

Name	Clone	Cross reactivity	Quantity	Application	Cat.#
IgG+IgM (H+L), Mouse	pAb		1.5 mg	F FC P	HP1001
IgG+IgM (H+L), Mouse	pAb		1.2 mg	F IA P W	HP1002
IgG (H+L), FITC, Rat	pAb		1.5 mg	F FC P	HP1101
IgG (H+L), HRP, Rat	pAb		1.2 mg	F IA P W	HP1102
IgG (H+L), Rabbit	pAb		1.5 mg	F FC P	HP1201
IgG (H+L), Rabbit	pAb	Hu	1.2 mg	F IA P W	HP1202

ISOTYPE CONTROLS

Isotype controls are (in)direct immunofluorescence reagents used for measuring background fluorescence from cellular autofluorescence and nonantigen-specific binding.

Mouse IMMUNOGLOBULINS

Name	Quantity	Cat.#
IgG1, Mouse	50 µg	HI1001
IgG1, Mouse, biotinylated	50 µg	HI1002
IgG1, Mouse, FITC	50 µg	HI1003
IgG2a, Mouse	50 µg	HI1004
IgG2a, Mouse, biotinylated	50 µg	HI1005
IgG2a, Mouse, FITC	50 µg	HI1006
IgG2b, Mouse	50 µg	HI1007
IgG2b, Mouse, biotinylated	50 µg	HI1008
IgG2b, Mouse, FITC	50 µg	HI1009

Rat IMMUNOGLOBULINS

Name	Quantity	Cat.#
IgG1, Rat	50 µg	HI3001
IgG1, Rat, biotinylated	50 µg	HI3002
IgG1, Rat, FITC	50 µg	HI3003
IgG2a, Rat	50 µg	HI3004
IgG2a, Rat, biotinylated	50 µg	HI3005
IgG2a, Rat, FITC	50 µg	HI3006
IgG2b, Rat	50 µg	HI3007
IgG2b, Rat, biotinylated	50 µg	HI3008
IgG2b, Rat, FITC	50 µg	HI3009

Alphabetical index

Activated C1s, Human	8	CD26, Rat	24	Granzyme B, Human, ELISA kit	19
Activated C3, Human	8	CD34, Mouse	22, 24, 25	HAKAI, Human	24
Activated CD11/CD18, Human	14, 25, 28	CD35, Human	8, 22, 24, 29	H-FABP, Human	19, 20
Activated Protein C, Human	15	CD36, Human	11, 20, 22, 24, 25	H-FABP, Human, biotinylated	19, 20
ADAMTS-13, Human	15	CD36, Human, biotinylated	11, 20, 22, 24, 25	H-FABP, Human, ELISA kit	19, 20, 30
A-FABP, Human	19, 20	CD36, Human, FITC	11, 20, 22, 24, 25	H-FABP, Human, Recombinant (E. Coli-Derived)	20
AIF-1, Human	30	CD36, Mouse	11, 20, 22, 24, 25	H-FABP, Mouse/Rat, ELISA kit	19, 20
Alpha-Catenin, Human	14, 22	CD36, Rat	11, 20, 22, 24, 25	H-Ficolin, Human	9
Alpha-Defensin 5, Human	6	CD44, Human	14, 24, 25	H-Ficolin, Human, ELISA kit	7
Alpha-V/beta-3 integrin, Human	14, 22, 23	CD46, Human	9, 25	HNP1-3, Human	6, 29
Alpha-V/beta-3 integrin, Human, FITC	14, 22	CD46, Human, FITC	9, 25	HNP1-3, Human, biotinylated	6, 29
Annexin-V, FITC, Apoptosis Necrosis Detection reagent	19	CD55, Human	9, 25	HNP1-3, Human, ELISA kit	6, 28
Apoptotic Neutrophils, Human	19, 25, 28	CD55, Human, FITC	9, 25	HNP1-3, Human, Natural	6, 28
Apoptotic Neutrophils, Human, biotinylated	19, 25, 28	CD56, Human	14, 25	ICAM-1, Human	14, 22, 24, 26
Apoptotic Neutrophils, Human, FITC	19, 25, 28	CD59, Human	9, 10, 25	ICAM-1, Human, biotinylated	14, 22, 24, 26
Arginase I, Human, ELISA kit	28	CD68, Human	11, 24, 25	IDO, Human	16, 21
Arginase I, Human	29	CD68, Mouse	11, 24, 25	I-FABP, Human	19, 20
ASGPR, Rat	30	CD68, Rat	11, 24, 25	I-FABP, Human, ELISA kit	19, 20
ASGPR, Rat, FITC	30	CD73, Human	14, 22, 25	I-FABP, Rat, Recombinant (E. Coli-Derived)	20
Aurora-A kinase, Human	30	CD96, Mouse	25	IFN-alpha, Human, ELISA kit	16
Bartomitin/7H6 antigen, Human	14, 23	CD96, Human	25	IFN-alpha, Mouse	16
B-cell specific, Rat	25	CD154, Human	25, 29	IFN-alpha, Mouse, Recombinant (CHO-Derived)	16
Beta1 Integrin, Human	14, 23	CD155, Mouse	25	IFN-beta, Mouse, Recombinant (CHO-Derived)	16
Beta1 Integrin, Human, FITC	14, 23	CD163, Human	11, 25	IFN-gamma, Human	16, 17
Beta-Catenin, Human	14, 22, 23	CD163, Rat	11, 25	IFN-gamma, Human, complete ELISA reagent set	16
B-FABP, Human	19, 20	CD180, Human	12, 25	IFN-gamma, Human, ELISA kit	16
BPDE	21	CD180, Human, biotinylated	12, 25	IFN-gamma, Human, ELISA kit (medium)	16
BPDE-DNA	21	CD180, Human, FITC	12, 25	IFN-gamma, Human, ELISA kit (serum)	16
BPI, Human	6, 10, 23, 29	CD180, Mouse	12, 25	IFN-gamma, Human, Recombinant (E. Coli-Derived)	16
BPI, Human, ELISA kit	5, 9, 28	CD180, Mouse, biotinylated	12, 25	IFN-gamma, Mouse	17
Brain alpha-dystroglycan, Bovine	30	CD180, Mouse, FITC	12, 25	IFN-gamma, Mouse, Recombinant (CHO-Derived)	16
C1q, Mouse	8	CD200R3, Mouse	25	IFN-gamma, Rat	17
C1q, Mouse, biotinylated	8	CD205, Mouse	11, 24, 25	IFN-gamma, Rat, Recombinant (CHO-Derived)	16
C1q, Mouse, FITC	8	CD222, Human	14, 25	IgG1, Mouse	32
C1q, Rat	8	CHIPS	6, 7, 9	IgG1, Mouse, biotinylated	32
C3a/C3a desArg, Human	8	Chlorotyrosine	21, 29	IgG1, Mouse, FITC	32
C3a, Mouse	8	CNF1	10	IgG1, Rat	32
C3aR, Human	8, 23, 29	CNF1/CNF2	10	IgG1, Rat, biotinylated	32
C3aR, Rat	8, 23, 29	Collagen II, Mouse	19	IgG1, Rat, FITC	32
C3b/C3b/C3c, Mouse	8	CpG-A DNA (ODN 2216), Human/Mouse	12	IgG2a, Mouse	32
C3/C3a, C-terminus, Human	8	CpG-B DNA (ODN 2006), Human/Mouse	12	IgG2a, Mouse, biotinylated	32
C3/C3b, Human	8	CpG-B DNA, Rat	12	IgG2a, Mouse, FITC	32
C3/C3b, Rat	8	CpG-C DNA (ODN 2395), Human/Mouse	12	IgG2a, Rat	32
C3c, Human	8	CpG-DNA, Mouse	12	IgG2a, Rat, biotinylated	32
C3d, Human	8	CpG DNA, Rabbit	12	IgG2a, Rat, FITC	32
C3g, Human	8	CRISP-3, Human	6, 29	IgG2b, Mouse	32
C3, Mouse	8	Crry, Rat	9	IgG2b, Mouse, biotinylated	32
C3, Rat	8	Crry, Rat, FITC	9	IgG2b, Mouse, FITC	32
C4d, Human	8	CXCR1, Human	16	IgG2b, Rat	32
C4d, Mouse	8	CXCR1, Human, biotinylated	16	IgG2b, Rat, biotinylated	32
C4d, Rat	8	DC-SIGN, Human	11, 25	IgG2b, Rat, FITC	32
C4, Mouse	8	DC-SIGN, Human, biotinylated	11, 26	IgG (H+L), FITC, Rat	31
C4, Rat	8	DC-SIGN, Human, FITC	11, 26	IgG (H+L), HRP, Rat	31
C5a/C5a desArg, Human	8	Decitin-1, Mouse	11	IgG (H+L), Rabbit	31
C5a desArg, Human, Recombinant	7	Dendritic cells, Mouse	26	IgG+IgM (H+L), Mouse	31
C5a desArg, Mouse, Recombinant	7	Dendritic cell specific, Rat	26	IgY, Chicken	31
C5a, Mouse, Recombinant	7	Desmoglein-1, Human	14, 24	IgY, Chicken, biotinylated	31
C5aR, Human	8, 23, 29	Desmoglein-2, Human	14, 24	IgY, Chicken, ELISA kit	31
C5aR, Mouse	8, 23, 29	Desmoglein-3, Human	14, 24	IgY, Chicken, HRP	31
C5aR, Rat	8, 24, 29	E-FABP, Human	19, 20, 24	IgY, Duck, ELISA kit	31
C5b-9, Rat	8	EF-Tu	10	IL-1ra3, Human	17
C5/C5a, Human	8	Elafin, Human	6, 24	IL-1R II, Human	17
C5/C5a, N-terminus, Human	8	Elafin, Human, ELISA kit	5	IL-1R II, Human, FITC	17
C5/C5b, Human	8	Elafin, Human, Recombinant	6, 23	IL-1R I, Mouse	17
C5L2, Human	8, 29	Elastase, Human	6, 29	IL-2, Human	17
C5L2, Human, Peptide	7, 28	Elastase, Human, ELISA kit	6, 28	IL-6, Human	17
C5L2, Mouse	8, 29	EMAP II, Human	16, 22	IL-6, Human, complete ELISA reagent set	16
C5L2, Mouse, Peptide	7, 28	ENDOBLOCK LBP assay	9	IL-6, Human, ELISA kit	16
C5L2, Rat	8, 29	EndoCab®, Human, ELISA kit	9	IL-6, Mouse	17
C5L2, Rat, Peptide	7, 28	EndoClear, blue, bulk (EndoTrap 10 + mini LAL), 10 ml settled resin	9	IL-8, Human	17, 29
C5, Mouse	8	EndoClear, blue, medium (EndoTrap blue 5/1 + mini LAL), 5 columns	9	IL-8, Human, complete ELISA reagent set	16
C6, Human	8	EndoClear, blue, small (EndoTrap blue 1/1 + mini LAL), 1 column	9	IL-8, Human, ELISA kit	16, 28
C6, Mouse	8	EndoClear, red, bulk (EndoTrap red 10 + mini LAL), 10 ml settled resin	9	IL-10, Human	17
C6, Rat	8	EndoClear, red, medium (EndoTrap red 5/1 + mini LAL), 5 columns	9	IL-10, Mouse	17
C7, Human	8	EndoClear, red, small (EndoTrap red 1/1 + mini LAL), 1 column	9	IL-18, Mouse	17
C9, Human	8	Endoglin, Human	22, 26, 29	IL-FABP, Human	19, 20
C9, Human, FITC	8	Endomucin, Mouse	14, 22	IL-FABP, Mouse	19, 20
C9 neoantigen, Human	8	Endostatin, Human	19, 22	IL-FABP, Mouse, ELISA kit	19, 20
Calprotectin, Human	6, 25, 29	Endothelial cell antigen, Rat	26	IP-10, Human	17, 19, 29
Calprotectin, Human, biotinylated	6, 25, 29	EPCR, Human	15, 22	IP-10, Human, biotinylated	17, 29
Calprotectin, Human, ELISA kit	5, 28	Ephrin B4, Mouse	22	IP-10, Human, ELISA kit	16, 28
Calprotectin, Human, FITC	6, 25, 29	E-Selectin, Human	11, 14, 22, 26	IP-10, Human, FITC	17, 29
Carcinoma associated antigen MAM6, Human	24	E-Selectin, Human, biotinylated	11, 14, 22, 26	JAM-A, extracellular domain-1, Human	14, 22, 24
Caveolin-1, Rat	22, 24	Ethionoadenosine, Human	21, 29	JAM-A, extracellular domain-2, Human	14, 22, 24
CC16, Human	10, 24	Factor B/Ba, Human	9	JAM-A, Human	14, 22, 24
CD3, Human	25	Factor B/Bb, Human	9	JAM-A, Mouse	14, 22, 24
CD4, Rat	25	Factor D, Human	9	JAM-A, Mouse, FITC	14, 22, 24
CD5, Rat	25	Factor H, Human	9	JAM-C, Mouse	14, 22
CD8, Rat	25	Factor H, Human, ELISA kit	7	JAM-C, Mouse, FITC	14, 22
CD11b, Human	8, 25, 29	Factor H, Y402H variant detection, Human, ELISA kit	7	Keratin 7, Human	24
CD11b, Human, FITC	8, 25, 29	Fibroblasts, Mouse	26	Lactoferrin, Bovine	6, 24, 29
CD13, Mouse	22, 25, 29	Fibronectin receptor, Human	14	Lactoferrin, Human	6, 24, 29
CD14, Human	10, 25, 29	Galectin-3, Human	6, 11	Lactoferrin, Human, ELISA kit	6, 28
CD14, Mouse	10, 25, 29	GEF-H1, Human	14	L-Afadin, Rat	14
CD14, Mouse, FITC	10, 25, 29	GM-CSF, Mouse	16	LAL Chromogenic Endpoint Assay	9
CD21, Human	8, 25	GM-CSF, Mouse, ELISA kit	16	LALF, Peptide	10

LBP, Human	5, 6, 10	Neutrophils, Mouse	26, 29	TLR6, Human, FITC	13, 27
LBP, Human, ELISA kit	5, 6, 9	Neutrophils, Mouse, biotinylated	26, 30	TLR7, Human	13, 27
LBP, Human, Peptide	5, 6, 10	Neutrophils, Mouse, FITC	26, 30	TLR8, Human	13, 27
LBP, Human, Purified, Natural	5, 6, 10	NGAL, Human	7, 24, 26, 30	TLR9, Human	13, 27
LBP, Mouse	5, 6, 10	NGAL, Human, ELISA kit	6, 28, 30	TLR9, Human, biotinylated	13, 27
LBP, Mouse, ELISA kit	5, 6, 10	Nitrotyrosine	19, 21, 22, 24	TLR9, Human, FITC	13, 27
LBP, various species, ELISA kit	5, 6, 10	Nitrotyrosine, biotinylated	19, 21, 22, 24	TLR9, Mouse	13, 27
Lectin Early Apoptosis Detection kit	19	Nitrotyrosine, ELISA kit	19, 21	TLR9, Mouse, biotinylated	13, 27
Leukocyte common antigen like, Rat	26	Non CpG-DNA	12	TLR9, Mouse, FITC	13, 27
L-FABP, Human	19, 20	Non-CpG DNA, Rabbit	12	TNF-alpha, Human	17
L-FABP, Human, biotinylated	19, 20	Occludin, Human	14, 23, 24	TNF-alpha, Human, biotinylated	17
L-FABP, Human, ELISA kit	19, 20, 30	Oxidized PAPC	22	TNF-alpha, Human, complete ELISA reagent set	16
L-FABP, Rat	19, 20	PAI-1, Human	15, 23	TNF-alpha, Human, ELISA kit	16
L-FABP, Rat, ELISA kit	19, 20	PAI-1, Rat	15, 23	TNF-alpha, Human, FITC	17
L-FABP, Rat, Recombinant (E.Coli-Derived)	20	Pan T cells, Rat	26	TNF-alpha, Human, Recombinant (E. Coli-Derived)	16
L-FABP, Swine, ELISA kit	19, 20	PAPC	22	TNF-alpha, Mouse	17
L-Ficolin, Human	9	PECAM-1, Human	14, 23, 26	TNF-alpha, Mouse, ELISA kit	16
L-Ficolin, Human, ELISA kit	7	PECAM-1, Mouse	14, 23, 26	TNF-alpha, Mouse, Recombinant (E. Coli-Derived)	16
Lipid A	10	PECAM-1, Mouse, biotinylated	15, 23, 26	TNF-alpha, Rat, ELISA kit	16
Lipid A, free	10	PECAM-1, Mouse, FITC	15, 23, 26	TNF-R I, Human	17, 18, 27
Lipoteichoic Acid	10	Pentraxin 3, Human	10	TNF-R I, Human, biotinylated	17, 18, 27
LL-37/CAP18, Human	6, 10, 24, 29	Pentraxin 3, Human, ELISA kit	5	TNF-R I, Human, FITC	18, 27
LL-37, Human, ELISA kit	6, 10, 28	Pentraxin 3, Human, ELISA kit	10	TNF-R II, Human	18, 28
LL-37, Human, Peptide	6, 10, 23, 28	Peripheral myelin protein 22, Human	30	TNF-R II, Human, biotinylated	18, 28
LOX-1, Human	11	Phosphorylated histone H2AX	21	TNF-R II, Human, FITC	18, 28
LOX-1, Human, biotinylated	11	Phosphotyrosine	19	TNF-R II, Mouse	18, 28
LOX-1, Human, FITC	11	Phosphotyrosine, biotinylated	19	TNF-R II, Mouse, biotinylated	18, 28
LT beta receptor, Mouse	17	Plakoglobin, Human	15	TNF-R II, Mouse, FITC	18, 28
Ly-6C, Mouse	22, 26	PLVAP, Human	23, 27	TNF-R I, Mouse	18, 28
Lysozyme, Human	6	Polymyxin B	7, 10	TNF-R I, Mouse, biotinylated	18, 27
Lysozyme, Human	29	Polymyxin B, biotinylated	10	TNF-R I, Mouse, FITC	18, 27
Macrophages F4/80, Mouse	26	Polymyxin B, HRP-conjugated	10	Transferrin receptor 1, Human	28
Macrophages F4/80, Mouse, biotinylated	26	Proteinase 3, Human	7, 10, 30	Transferrin receptor 1, Mouse	28
Macrophages F4/80, Mouse, FITC	26	Proteinase 3, Human, FITC	7, 10, 30	TREM-1, Human	10
Macrophages MATURE, Human	26	Protein C, Human	15, 23	TSST-1	10
Macrophages, Human, biotinylated	26	Protein S, Human	15, 23	Ubiquitin	19
Macrophages, Human, FITC	26	Protein S, Human FITC	15, 23	VAP-1, Human	15, 23, 28
Macrophage specific, Rat	26	Punctin-1, Human	15	VAP-1, Mouse	15, 23, 28
MAdCAM-1, Human	14, 22	Regucalcin, Rat	30	VCAM-1, Human	15, 23, 28
Mannose receptor, Human	7, 11, 26	SAA-1, Human	5, 10, 23	VCAM-1, Human, biotinylated	15, 23, 28
Mannose receptor, Human, biotinylated	7, 11, 26	SAST124, Rat	30	VE-Cadherin, Human	15, 23
Mannose receptor, Mouse	7, 11, 26	sCD14, Human, ELISA kit	9	VE-Cadherin, Human, FITC	15, 23
MARCO, Human	11, 26	sE-Selectin, Human, ELISA kit	11, 14	VG5Q, Human	23
MARCO, Mouse	11, 26	Shigatoxin 1	10	VG5Q, Mouse	23
MASP-1, Human	9	Shigatoxin 2	10	Viperin, Mouse	13
MASP-2, Human	9	siCAM-1, Human, ELISA kit	14	Vitronectin, Human	15
MASP-2, Human ELISA kit	7	Siglec-H, Mouse	11, 17	ZO-1, alpha-, Human	15, 23, 24
MASP-2/MAP19, Human	9	Siglec-H, Mouse, biotinylated	11, 17	ZO-1, alpha+, Human	15, 23, 24
MASP-3, Human	9	Siglec-H, Mouse, FITC	11, 17	ZO-1, Human	15, 23, 24
MASP-3, Human, ELISA kit	7	SIGN-R1, Mouse	11, 27	ZO-2, Human	15, 23, 24
MBL-A, Mouse	5, 9, 11	siL-1 RII, Human, ELISA kit	16		
MBL-A, Mouse, ELISA kit	5, 7, 11	siL-1 RI, Mouse, ELISA kit	16		
MBL-C, Mouse	5, 9, 11	sLeptin receptor, Human	17		
MBL-C, Mouse, ELISA kit	5, 7, 11	SLPI, Human	7, 24, 30		
MBL, Human	5, 9, 11	SLPI, Human, biotinylated	7, 24, 30		
MBL, Human, biotinylated	5, 9, 11	SLPI, Human, ELISA kit	6, 10, 28		
MBL, Human, ELISA kit	5, 7, 11	sMAdCAM-1, Human, ELISA kit	14		
MBL, Human, FITC	5, 9, 11	sMD-2, Human	12		
MBL/MASP-2, Human, ELISA kit	7	sMD-2 and sMD-2/TLR4, Human	12		
MCP-1, Human	17	Smoothelin, Human	30		
MCP-1, Human, complete ELISA reagent set	16	Smoothelin, Human, FITC	30		
MCP-1, Human, ELISA kit	16	SP-B, Human	9, 11		
MCP-1, MCAF, Human	17	SP-B, Swine	9, 11		
MCP-1, Mouse	17	SP-C, Human	9, 11		
MCP-1, Mouse, biotinylated	17	SP-D, Human, ELISA kit	7, 11		
M-CSF, Mouse	26	SP-D, Rat	9, 11, 12		
MD-1, Mouse	12	Spi-6, Mouse	19		
MD-1, Mouse, biotinylated	12	SR-A, Mouse	12, 27		
MD-1, Mouse, FITC	12	SR-BI, Rat	12		
MD-2, Human	12	sTNF-R I, Human, ELISA kit	16		
MD-2, Human, FITC	12	sTNF-R II, Human, ELISA kit	16		
M-FABP, Human	19, 20	sTNF-R I+II, Human, Twin ELISA kit	16		
Melanocyte antigen, Human	26	sTNF-R I+II, Mouse, Twin ELISA kit	16		
M-Ficolin, Human	9	sTNF-R II, Mouse, ELISA kit	16		
MGL, Mouse	11, 26	sTNF-R I, Mouse, ELISA kit	16		
MHC class II, Rat	26	TCC, Human	9		
MHC II, Mouse	26	TCC, Human, ELISA kit	7		
MHC I, Mouse	26	Thrombomodulin, Human	15, 23, 27		
Monocytes/Macrophages, Mouse	26	TLR1, Human	12, 27		
Monocytes/Macrophages, Mouse, FITC	26	TLR1, Human, biotinylated	12, 27		
Mouse Mab Isotyping kit	31	TLR1, Human, FITC	12, 27		
MPO, Human	7, 21, 26, 29	TLR2, Human	12, 27		
MPO, Human, biotinylated	7, 21, 26, 29	TLR2, Human, biotinylated	12, 27		
MPO, Human, ELISA kit	6, 21, 28	TLR2, Human, FITC	12, 27		
MPO, Human, FITC	7, 21, 26, 29	TLR2, Mouse	12, 13, 27		
MPO, Mouse	7, 21, 26, 29	TLR2, Mouse, biotinylated	12, 13, 27		
MPO, Mouse, biotinylated	7, 21, 26, 29	TLR2, Mouse, FITC	13, 27		
MPO, Mouse, ELISA kit	6, 21, 28	TLR3, Human	13, 27		
MPO, Mouse, FITC	7, 21, 26, 29	TLR3, Human, biotinylated	13, 27		
MPO, Rat	7, 21, 26, 29	TLR3, Human, FITC	13, 27		
MPO, Rat, biotinylated	7, 21, 26, 29	TLR4, Human	13, 27		
MPO, Rat, ELISA kit	6, 21, 28	TLR4, Human, biotinylated	13, 27		
MPO, Rat, FITC	7, 21, 26, 29	TLR4, Human, FITC	13, 27		
MRP-8, Human	22, 29	TLR4/MD2, Mouse	13, 27		
MRP-14, Human	22, 29	TLR4/MD2, Mouse, biotinylated	13, 27		
Muscarinic acetylcholine receptor M2, Human	19	TLR4/MD2, Mouse, FITC	13, 27		
Nectin-2, Mouse	14, 22, 24	TLR5, Human	13, 27		
Nectin-3, Mouse	14, 22, 24	TLR6, Human	13, 27		
Neutrophil defensin 5, Rabbit	7	TLR6, Human, biotinylated	13, 27		

Customer service and ordering

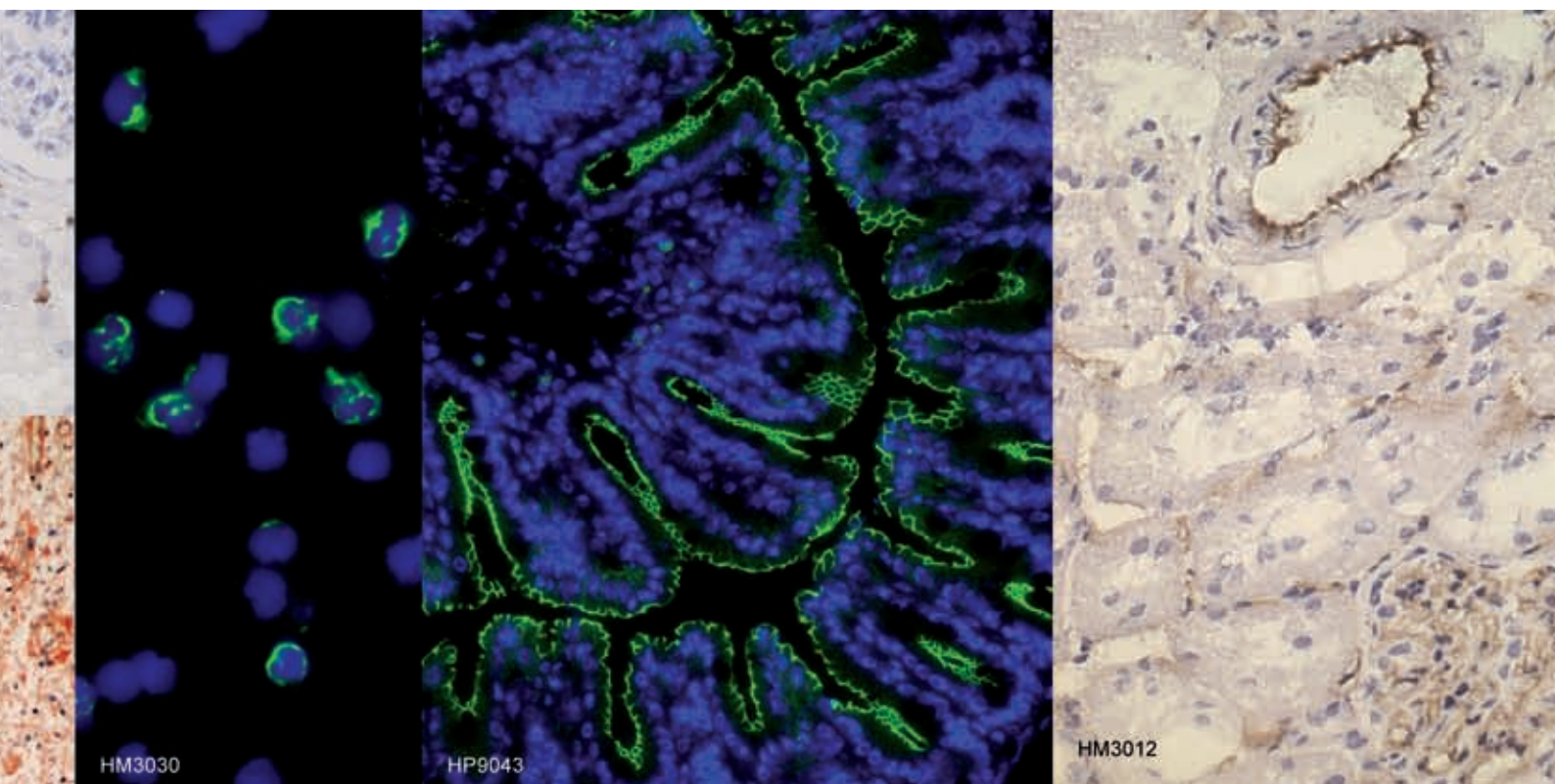
Thank you for your interest in Hycult Biotech products! We aim to provide you with the best quality products and service possible.

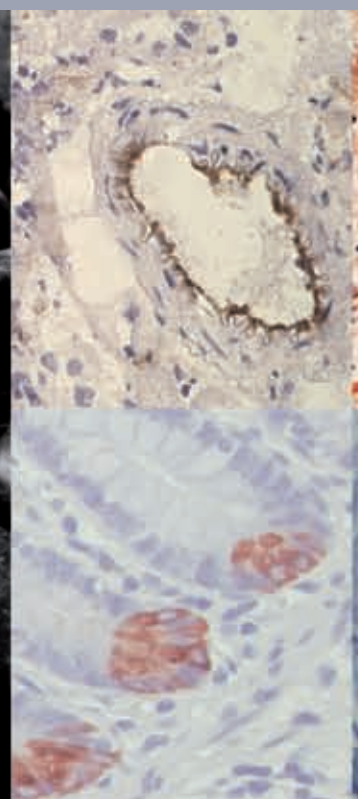
More information about products can be found on our website. Please feel free to subscribe to our newsletter to make sure you are kept up-to-date with Hycult Biotech's product information!

Hycult Biotech has worldwide distribution through a network of over 45 distributors. If you have questions regarding pricing and ordering, please contact your local distributor. This distributor information can be found on our website.

We understand technical support is part of the deal when you are interested in or have purchased one of our products. For product specific information please have a look at our website: www.hycultbiotech.com or contact us: support@hycultbiotech.com.

With kind regards,
Hycult Biotech





Distributed by:



Frontstraat 2a
5405 PB Uden
The Netherlands
T +31 413 25 13 35
F +31 413 24 83 53
E info@hycultbiotech.com