

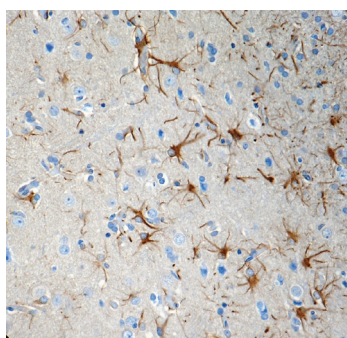
Neuroinflammation

Antibodies and Reagents

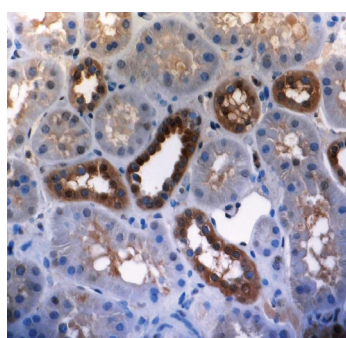
Neuroinflammation is a heightened immune response in the central nervous system that plays a key role in the development and progression of neurodegenerative disease. Implicated as both neurotoxic and neuroprotective, neuroinflammation is a complex biological system involving many proteins, receptors and cell types. BioLegend is proud to offer a broad range of quality-tested products to support investigations into the role and implications of neuroinflammation in neurological dysfunction.

We have a variety of products to cover your areas of interest in neuroinflammation, including:

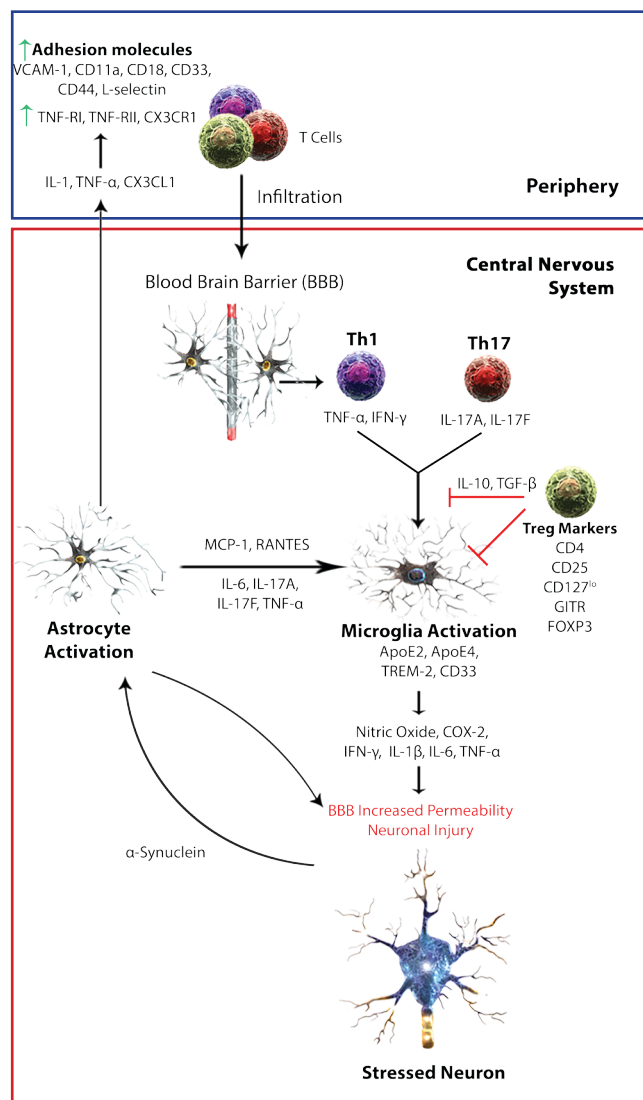
- Toll-Like Receptors
- Scavenger Receptors
- Cell Adhesion Molecules
- Cytokines, Chemokines, and Receptors
- Oxidative Stress Responses
- Lipid Regulation



Staining of CX3CR1 (8E10.D9, Cat. No. MMS-5067) on formalin-fixed, paraffin-embedded human brain.



Staining of MMP2 (4D3, Cat. No. MMS-5291) on formalin-fixed, paraffin-embedded human kidney.



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07-0091-00i

Neuroinflammation Antibodies and Reagents

Scavenger Receptors

Specificity	Clone	Reactivity	Application(s)	Cat. No.
CD36	FA6-152	Hu, Rt	IHC, IF, IP, FC	MMS-5023
CD36	CRF D-2712	Ms, Rt	WB, IF, IP, FC	MMS-5024
CD36	UA009	Rt	IHC, IP, FC	MMS-5031
CD209a	MMD3	Ms	FC	MMS-5022
DEC-205 (CD205)	HD30	Hu	IHC, FC	MMS-5221
MARCO	PLK-1	Ms, Bv, Hu	WB, IF, IP, IHC, FC	MMS-5224
SR-BI	3D12	Rt	IHC, FC	MMS-5030

IgG-like Co-receptors

Specificity	Clone	Reactivity	Application(s)	Cat. No.
CD4 (T-cells and macrophages)	15-8A2	Rt	IHC, FC	MMS-5059
CD8	15-11C5	Rt	IHC, FC	MMS-5060
CD8	C8/144B	Hu	IHC	SIG-3629

Co-receptors

Specificity	Clone	Reactivity	Application(s)	Cat. No.
CD14 (for TLR2 and MD-2)	18D11	Hu, Pc	IHC, FC	MMS-5006
CD14	Sa14-2	Ms	WB, IF, FC	MMS-5011
CD16	3G8	Hu, Si	FC	MMS-5217

Myeloid Receptors

Specificity	Clone	Reactivity	Application(s)	Cat. No.
TREM-1	L5-B8	Ms	WB, IF, FC	MRT-5051
TREM-1	6B1	Hu	WB, FACS, ELISA	MMS-5052
TREM-2	6E9	Ms	IP, FC	MRT-5093

Toll-like Receptors

Specificity	Clone	Reactivity	Application(s)	Cat. No.
sMD-2 and sMD-2/TLR4	4H1	Hu	WB, IHC, IF	MMS-5013
TLR1 (CD281)	GD2.F4	Hu	IHC, IF, FC	MMS-5043
TLR2	T2.5	Ms, Hu	IHC, IF, IP, FC	MMS-5012
TLR2 (CD282)	TL2.1	Hu, Ca, Si	WB, IF, IP, IHC, FC	MMS-5009
TLR3	TLR3.7	Hu, Ms, Ca	WB, IF, IP, IHC, FC	MMS-5053
TLR4	HTA125	Hu, Ca, Si	WB, IF, IP, FC	MMS-5010
TLR4/MD-2	7E3	Hu	IHC, FC	MMS-5007
TLR4/MD-2	MTS510	Ms	IHC, IP, FC	MRT-5014
TLR6	TLR6.127	Ms, Ca, Hu	IHC, IF, IP, FC	MMS-5042
TLR9	5G5	Ms, Ca, Hu	WB, IHC, IF, FC	MMS-5041

Leukocyte Markers

Specificity	Clone	Reactivity	Application(s)	Cat. No.
Human Mature Macrophages (25F9)	25F9	Hu	WB, IHC, FC	MMS-5058
Mouse CD10/CALLA	56C6	Hu, Ms, Rt, Ca, Si	IHC (IVD)	SIG-3630
Mouse F4/80 Pan Macrophages (BM8)	BM8	Ms, Hu	WB, IHC, FC	MRT-5063
Mouse Monocytes and Macrophages (ER-HR3)	ER-HR3	Ms	IHC, IF, FC	MRT-5062
Rat Macrophages (F-6-J)	F-6-J	Rt	IHC, FC	MMS-5054

Oxidative Stress Response

Specificity	Clone	Reactivity	Application(s)	Cat. No.
DJ-1	4H4	Hu, Bv, Ms	WB, IHC, IF	MMS-5003
DJ-1	E2.19	Hu, Ze	WB, IHC, ELISA	SIG-39830
DJ-1 Human Protein	-	Hu	SIG-39900	
DJ-1 Polyclonal Antibody	-	Hu, Rt, Ms	IHC, ELISA	SIG-39835
MPO (myeloperoxidase)	266-6K1	Hu	WB, ELISA	MMS-5050
MPO	2D4	Ms, Rt	IHC, IF, FC, ELISA	MMS-5055
MPO	8F4	Ms, Rt	IHC, ELISA, FC	MMS-5048

Bv= Bovine, Ca= Canine, Hmr= Hamster, Hu= human, Ms= mouse, Pc= Porcine, Rb= Rabbit, Rt= Rat, Si= Simian, Ze= Zebrafish.

Cell Adhesion Molecules

Specificity	Clone	Reactivity	Application(s)	Cat. No.
CD11a	I21/7	Ms	FC	MRT-5213
CD18	1B4	Hu	FC	MMS-5218
CD18	C71/16	Ms	FC	MRT-5214
CD31 (PECAM-1)	JC/70A	Hu	IHC	SIG-3632
CD33	P67.6	Hu	IHC	MMS-5090
CD34	QBEnd/10	Hu	IHC	SIG-3326
CD44	IM7.8.1	Hu, Ms, Rt	IHC, FC	MRT-5290
Galectin-3	5C21	Hu, Ms, Rt	WB, IHC, IF	MMS-5004
Integrin α2β1	P1E6	Hu	IHC	MMS-488P
Integrin α3β1	P1B5	Hu	IF, IP, IHC	MMS-490R
Integrin α4β1	P4C2	Hu	IF, IP, FC	MMS-492P
Integrin α5β1	P1D6	Hu	IF, IP	MMS-496R
Integrin αvβ5	P1F6	Hu, Rt, Hmr	IF, IP, IHC	MMS-474R
Integrin β1	P5D2	Hu	IP, IF	MMS-472R
Integrin β1 (Activating)	P4G11	Hu	WB, IF, IP	MMS-480R
LECAM-1 (DREG 56.6)	DREG 56.6	Hu	FC	MMS-5209
PECAM	P2B1	Hu	WB, IF, IP, IHC	MMS-484R
URO-1	J143	Hu	IHC	SIG-38010
VCAM-1	P3C4	Hu	IF, IP, IHC, FC	MMS-476P

Cytokine & Chemokine Receptors

Specificity	Clone	Reactivity	Application(s)	Cat. No.
CX3CR1	8E10.D9	Hu, Ms	WB, IHC	MMS-5067
CXCR4	12G5	Hu, Ms, Rt	IHC, FC	MMS-5121
TNF-RI	HM1009	Ms	WB, IHC, FC	MRT-5029
TNF-RII	H398	Hu, Rt	WB, IP, IHC, FC	MMS-5025
TNF-RII	MR2-1	Hu, Si	IHC, IF, IP, FC	MMS-5027
TNF-RII	HM102	Ms	IHC, IP, FC	MRT-5028

Cytokines and Chemokines

Specificity	Clone	Reactivity	Application(s)	Cat. No.
IL-6	5E1	Hu, Si	WB, IP, ELISA	MMS-5064
IL-6	MP5-32C11	Ms	WB, ELISA	MRT-5057
IL-17F	6B9.H8	Hu, Ms	WB	MMS-5118
MCP-1	MNA.1	Hu, Pc	WB, IP, IHC, ELISA, FC	MMS-5049
MCP-1	ECE.2	Ms	WB, IHC	MRT-5061
RANTES	VL1	Hu	FC	MMS-5227
TNF-α	TNF 104C	Hu	WB, Blocking, FC, ELISA	MMS-146P

Cytokine and Chemokine Regulation

Specificity	Clone	Reactivity	Application(s)	Cat. No.
CD40	626	Hu	IHC, FC	MMS-5086
FMIP (THOC5)	F6D/11	Hu, Ms, Rt	WB	MMS-5281
PAR-2	SAM11	Hu, Ms	WB, IHC	MMS-5116
SIRP β1	84	Ms	WB	MRT-5095
SIRP β1	B1D5	Hu	FC	MMS-5240

Inflammatory Markers/Lipid Regulation

Specificity	Clone	Reactivity	Application(s)	Cat. No.
Apo-D	8CD6	Hu	IHC, ELISA	SIG-39780
Apo-E	D6E10	Hu	WB, IP, IHC, ELISA	SIG-39740
Apo-E	E6D7	Hu	WB, IP, IHC, ELISA	SIG-39750
APO E2	3C2	Hu	WB, ELISA	MMS-5046
APO E2	8G3	Hu	WB, ELISA	MMS-5047
APO E4	5B5	Hu	IHC, ELISA	MMS-5015
APO E4	5A9	Hu	IHC, ELISA	MMS-5016
Apo-E4	5G7	Hu	WB, ELISA	SIG-39752
Apo-E4	9D11	Hu	WB, ELISA	SIG-39754
Apo-J/Clusterin Polyclonal Antibody	-	Hu	IHC, ELISA	SIG-39080
Coronin 1a Polyclonal Antibody	-	Hu, Rt, Ms	WB, IHC, IF	PRB-5002
Lipocortin-1 (74/3)	74/3	Hu	FC	MMS-5237
MMP2	4D3	Hu	WB, IHC	MMS-5291
MMP9	2C3	Hu	IHC	MMS-5293
TIMP2	3A4	Hu, Rt, Ms	IHC, IF	MMS-5294



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