

Optimized Concentrations for Developmental Studies Hybridoma Bank and Custom Antibodies for use with *Drosophila* Embryos

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Abstract

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Guidelines

The following is a list of antibody concentrations for use with the protocol 'Immunohistochemistry - *Drosophila* Embryos'

Custom antibodies were provided by the published authors.

DSHB Antibodies

Antigen	Host Species	Product ID	Concentration	Product Link
DE-Cadherin	rat	DCAD2	1:16	http://dshb.biology.uiowa.edu/cadherin-DE-
Coracle	mouse	50:50 mix of C566.9 and C615.161	1:50	http://dshb.biology.uiowa.edu/Coracle and http://dshb.biology.uiowa.edu/Coracle_2
Engrailed	mouse	4D9	1:10	http://dshb.biology.uiowa.edu/4D9-anti-engrailed-injected
Alpha-spectrin	mouse	3A9	1:16	http://dshb.biology.uiowa.edu/3A9-323-or-M10-2_2
Mmp	mouse	3A6B4	1:20	http://dshb.biology.uiowa.edu/3A6B4
Hindsight	mouse	1G9	1:20	http://dshb.biology.uiowa.edu/hindsight-protein
Atp-alpha	mouse	a5	1:50	http://dshb.biology.uiowa.edu/a5
Nervana	mouse	Nrv5F7	1:50	http://dshb.biology.uiowa.edu/Nervana-protein
Discs Large	mouse	4F3	1:10	http://dshb.biology.uiowa.edu/4F3-anti-discs-large
Fasciclin III	mouse	7G10	1:100	http://dshb.biology.uiowa.edu/7G10-anti-Fasciclin-III_2
Crumbs (concentrate)	mouse	Cq4-c	1:50	http://dshb.biology.uiowa.edu/Crumbs
Armadillo	mouse	N2 7A1	1:50	http://dshb.biology.uiowa.edu/N2-7A1-ARMADILLO
Neuroglian	mouse	BP 104	1:25	http://dshb.biology.uiowa.edu/neuroglian
Flamingo	mouse	Flamingo #74	1:20	http://dshb.biology.uiowa.edu/Flamingo-74
N-Cadherin	rat	DN-Ex #8	1:20	http://dshb.biology.uiowa.edu/cadherin-DN-
Rho1	mouse	p1D9	1:40	http://dshb.biology.uiowa.edu/p1D9-anti-rho1
Alpha-catenin	rat	DCAT-1	1:10	http://dshb.biology.uiowa.edu/catenin-alpha-
Draper	mouse	Draper 8A1	1:25	http://dshb.biology.uiowa.edu/Draper8A1
Delta	mouse	C594.9B	1:50	http://dshb.biology.uiowa.edu/Delta-extracellular-domain
Elav	mouse	ELAV-9F8A9	1:100	http://dshb.biology.uiowa.edu/Elav-9F8A9

Custom Antibodies

Antigen	Host Species	Product ID	Concentration	Citation - Pubmed ID
Pio-Pio	rabbit	Custom	1:100	12973360
Neuroglian (1B7)	mouse	Custom	1:10	2805067
sqh-1P	guinea pig	Custom	1:250	20920606
sqh-2P	rat	Custom	1:500	20920606
Mcr	guinea pig	Custom	1:400	24496625
Contactin	guinea pig	Custom	1:2000	15459097
Kune	rabbit	Custom	1:1000	20407131
Neurexin	rabbit	Custom	1:500	8978610

Uninflatable	guinea pig	Custom	1:400	19818339
Mtf	guinea pig	Custom	1:500	20935638
Squash	mouse	Custom	1:400	20920606

Protocol