

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 9, 2025

Mouse Anti-Drosophila neuroglian Monoclonal Antibody, Unconjugated

RRID:AB_528402

Type: Antibody

Proper Citation

(DSHB Cat# BP 104 anti-Neuroglian, RRID:AB_528402)

Antibody Information

URL: http://antibodyregistry.org/AB_528402

Proper Citation: (DSHB Cat# BP 104 anti-Neuroglian, RRID:AB_528402)

Target Antigen: Mouse Drosophila neuroglian

Host Organism: mouse

Clonality: monoclonal

Comments: manufacturer recommendations: IgG1 Immunoblotting; Western Blot

Antibody Name: Mouse Anti-Drosophila neuroglian Monoclonal Antibody, Unconjugated

Description: This monoclonal targets Mouse Drosophila neuroglian

Target Organism: drosophila, drosophila/arthropod

Defining Citation: [PMID:20533357](#), [PMID:18537134](#), [PMID:21246549](#), [PMID:1693086](#)

Antibody ID: AB_528402

Vendor: DSHB

Catalog Number: BP 104 anti-Neuroglian

Record Creation Time: 20231110T080754+0000

Record Last Update: 20241115T035508+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Drosophila neuroglian Monoclonal Antibody, Unconjugated.

No alerts have been found for Mouse Anti-Drosophila neuroglian Monoclonal Antibody, Unconjugated.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 35 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Syed DS, et al. (2024) Inhibitory circuits generate rhythms for leg movements during Drosophila grooming. bioRxiv : the preprint server for biology.

Chen X, et al. (2023) Tissue-specific knockout in Drosophila neuromuscular system reveals ESCRT's role in formation of synapse-derived extracellular vesicles. bioRxiv : the preprint server for biology.

Chen Y, et al. (2023) Epilepsy gene prickles ensures neuropil glial ensheathment through regulating cell adhesion molecules. iScience, 26(1), 105731.

Farnworth MS, et al. (2022) An atlas of the developing Tribolium castaneum brain reveals conservation in anatomy and divergence in timing to Drosophila melanogaster. The Journal of comparative neurology.

Hardcastle BJ, et al. (2021) A visual pathway for skylight polarization processing in Drosophila. eLife, 10.

Pop S, et al. (2020) Extensive and diverse patterns of cell death sculpt neural networks in insects. eLife, 9.

Court R, et al. (2020) A Systematic Nomenclature for the Drosophila Ventral Nerve Cord. Neuron, 107(6), 1071.

Penserga T, et al. (2019) A Role for Drosophila Amyloid Precursor Protein in Retrograde Trafficking of L1-Type Cell Adhesion Molecule Neuroglian. Frontiers in cellular neuroscience, 13, 322.

Yang WK, et al. (2019) Epidermis-Derived L1CAM Homolog Neuroglian Mediates Dendrite Enclosure and Blocks Heteroneuronal Dendrite Bundling. *Current biology : CB*, 29(9), 1445.

Shepherd D, et al. (2019) Developmental organization of central neurons in the adult *Drosophila* ventral nervous system. *The Journal of comparative neurology*, 527(15), 2573.

Andrade IV, et al. (2019) Developmentally Arrested Precursors of Pontine Neurons Establish an Embryonic Blueprint of the *Drosophila* Central Complex. *Current biology : CB*, 29(3), 412.

Zhang S, et al. (2018) Selective Filopodia Adhesion Ensures Robust Cell Matching in the *Drosophila* Heart. *Developmental cell*, 46(2), 189.

Hartenstein V, et al. (2018) Structure and development of the subesophageal zone of the *Drosophila* brain. I. Segmental architecture, compartmentalization, and lineage anatomy. *The Journal of comparative neurology*, 526(1), 6.

Kendroud S, et al. (2018) Structure and development of the subesophageal zone of the *Drosophila* brain. II. Sensory compartments. *The Journal of comparative neurology*, 526(1), 33.

Lovick JK, et al. (2017) Development of the anterior visual input pathway to the *Drosophila* central complex. *The Journal of comparative neurology*, 525(16), 3458.

Hartenstein V, et al. (2017) Developmental analysis of the dopamine-containing neurons of the *Drosophila* brain. *The Journal of comparative neurology*, 525(2), 363.

Boyan G, et al. (2017) A conserved plan for wiring up the fan-shaped body in the grasshopper and *Drosophila*. *Development genes and evolution*, 227(4), 253.

Shepherd D, et al. (2016) Postembryonic lineages of the *Drosophila* ventral nervous system: Neuroglian expression reveals the adult hemilineage associated fiber tracts in the adult thoracic neuromeres. *The Journal of comparative neurology*, 524(13), 2677.

Peterson SJ, et al. (2015) Subcellular trafficking of FGF controls tracheal invasion of *Drosophila* flight muscle. *Cell*, 160(1-2), 313.

Lu CS, et al. (2014) MicroRNA-8 promotes robust motor axon targeting by coordinate regulation of cell adhesion molecules during synapse development. *Philosophical transactions of the Royal Society of London. Series B, Biological sciences*, 369(1652).