

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.com) on Mar 31, 2025

## Anti-Neural Cell Adhesion Molecule L1, clone 324

RRID:AB\_2133200

Type: Antibody

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### Proper Citation

(Millipore Cat# MAB5272, RRID:AB\_2133200)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2133200](http://antibodyregistry.org/AB_2133200)

**Proper Citation:** (Millipore Cat# MAB5272, RRID:AB\_2133200)

**Target Antigen:** L1cam

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** seller recommendations: western blot, immunocytochemistry

**Antibody Name:** Anti-Neural Cell Adhesion Molecule L1, clone 324

**Description:** This monoclonal targets L1cam

**Target Organism:** rat, mouse

**Defining Citation:** [PMID:16977618](https://pubmed.ncbi.nlm.nih.gov/16977618/), [PMID:21452247](https://pubmed.ncbi.nlm.nih.gov/21452247/), [PMID:16786562](https://pubmed.ncbi.nlm.nih.gov/16786562/)

**Antibody ID:** AB\_2133200

**Vendor:** Millipore

**Catalog Number:** MAB5272

**Record Creation Time:** 20241016T225438+0000

**Record Last Update:** 20241016T234200+0000

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### Ratings and Alerts

No rating or validation information has been found for Anti-Neural Cell Adhesion Molecule L1, clone 324.

No alerts have been found for Anti-Neural Cell Adhesion Molecule L1, clone 324.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## 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](#).

Lawrence AR, et al. (2024) Microglia maintain structural integrity during fetal brain morphogenesis. *Cell*, 187(4), 962.

Alsina FC, et al. (2024) The RNA-binding protein EIF4A3 promotes axon development by direct control of the cytoskeleton. *Cell reports*, 43(9), 114666.

Bortolami A, et al. (2024) Abnormal cytoskeletal remodeling but normal neuronal excitability in a mouse model of the recurrent developmental and epileptic encephalopathy-susceptibility KCNB1-p.R312H variant. *Communications biology*, 7(1), 1713.

Altounian M, et al. (2023) Neuronal miR-17-5p contributes to interhemispheric cortical connectivity defects induced by prenatal alcohol exposure. *Cell reports*, 42(9), 113020.

Murphy KE, et al. (2023) The L1 cell adhesion molecule constrains dendritic spine density in pyramidal neurons of the mouse cerebral cortex. *Frontiers in neuroanatomy*, 17, 1111525.

Tabata H, et al. (2023) Histological Analysis of a Mouse Model of the 22q11.2 Microdeletion Syndrome. *Biomolecules*, 13(5).

Velasco-Aviles S, et al. (2022) A genetic compensatory mechanism regulated by Jun and Mef2d modulates the expression of distinct class IIa Hdacs to ensure peripheral nerve myelination and repair. *eLife*, 11.

Tan HY, et al. (2022) cGAS and DDX41-STING mediated intrinsic immunity spreads intercellularly to promote neuroinflammation in SOD1 ALS model. *iScience*, 25(6), 104404.

Bargagna-Mohan P, et al. (2021) Corneal nonmyelinating Schwann cells illuminated by single-cell transcriptomics and visualized by protein biomarkers. *Journal of neuroscience research*, 99(3), 731.

Zhu Q, et al. (2021) Rack1 is essential for corticogenesis by preventing p21-dependent senescence in neural stem cells. *Cell reports*, 36(9), 109639.

Creighton BA, et al. (2021) Giant ankyrin-B mediates transduction of axon guidance and collateral branch pruning factor sema 3A. *eLife*, 10.

Brignani S, et al. (2020) Remotely Produced and Axon-Derived Netrin-1 Instructs GABAergic Neuron Migration and Dopaminergic Substantia Nigra Development. *Neuron*, 107(4), 684.

Kaur N, et al. (2020) Neural Stem Cells Direct Axon Guidance via Their Radial Fiber Scaffold. *Neuron*, 107(6), 1197.

Hasenpusch-Theil K, et al. (2020) A transient role of the ciliary gene *Inpp5e* in controlling direct versus indirect neurogenesis in cortical development. *eLife*, 9.

Quintana-Urzainqui I, et al. (2020) The role of the diencephalon in the guidance of thalamocortical axons in mice. *Development (Cambridge, England)*, 147(12).

Bott CJ, et al. (2019) Nestin in immature embryonic neurons affects axon growth cone morphology and Semaphorin3a sensitivity. *Molecular biology of the cell*, 30(10), 1214.

Zhang M, et al. (2019) Axonogenesis Is Coordinated by Neuron-Specific Alternative Splicing Programming and Splicing Regulator PTBP2. *Neuron*, 101(4), 690.

Lindenmaier LB, et al. (2019) Dystroglycan is a scaffold for extracellular axon guidance decisions. *eLife*, 8.

Saito K, et al. (2019) Dorsal-to-Ventral Cortical Expansion Is Physically Primed by Ventral Streaming of Early Embryonic Preplate Neurons. *Cell reports*, 29(6), 1555.

Roy A, et al. (2019) PI3K-Yap activity drives cortical gyrification and hydrocephalus in mice. *eLife*, 8.