

Resource Summary Report

Generated by [RRID](#) on Aug 1, 2026

Anti-Neural Cell Adhesion Molecule L1, clone 324

RRID:AB_2133200

Type: Antibody

Proper Citation

Millipore Cat# MAB5272, RRID:AB_2133200

Antibody Information

URL: http://antibodyregistry.org/AB_2133200

Proper Citation: Millipore Cat# MAB5272, RRID:AB_2133200

Target Antigen: L1

Host Organism: rat

Clonality: monoclonal

Comments: seller recommendations: Immunocytochemistry; Western Blot; Western Blotting, Immunocytochemistry

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

Description: This monoclonal targets L1

Target Organism: rat, mouse

Clone ID: Clone 324

Defining Citation: [PMID:16977618](#), [PMID:21452247](#), [PMID:16786562](#)

Antibody ID: AB_2133200

Vendor: Millipore

Catalog Number: MAB5272

Record Creation Time: 20250820T064804+0000

Record Last Update: 20250821T005705+0000

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.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 36 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Dolique T, et al. (2025) A central role for Numb/Nbl in multiple Shh-mediated axon repulsion processes. *iScience*, 28(5), 112293.

Cai Y, et al. (2025) Myelin-axon interface vulnerability in Alzheimer's disease revealed by subcellular proteomics and imaging of human and mouse brain. *Nature neuroscience*, 28(7), 1418.

Parichha A, et al. (2025) An evolutionarily conserved role for CTNNB1/??-CATENIN in regulating the development of the corpus callosum. *iScience*, 28(9), 113335.

Ho CT, et al. (2025) Coro1A and TRIM67 collaborate in netrin-dependent neuronal morphogenesis. *The Journal of cell biology*, 224(12).

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.

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

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.

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.