

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

Mouse Anti-Nestin Monoclonal antibody, Unconjugated, Clone rat-401

RRID:AB_94911

Type: Antibody

Proper Citation

Millipore Cat# MAB353, RRID:AB_94911

Antibody Information

URL: http://antibodyregistry.org/AB_94911

Proper Citation: Millipore Cat# MAB353, RRID:AB_94911

Target Antigen: Nestin

Host Organism: mouse

Clonality: monoclonal

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

Antibody Name: Mouse Anti-Nestin Monoclonal antibody, Unconjugated, Clone rat-401

Description: This monoclonal targets Nestin

Target Organism: rat, mouse

Clone ID: Clone rat-401

Defining Citation: [PMID:20575069](#), [PMID:22791629](#), [PMID:18271024](#), [PMID:19399899](#), [PMID:16736475](#), [PMID:19760739](#), [PMID:17366607](#)

Antibody ID: AB_94911

Vendor: Millipore

Catalog Number: MAB353

Record Creation Time: 20250819T221509+0000

Record Last Update: 20250820T013550+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Nestin Monoclonal antibody, Unconjugated, Clone rat-401.

No alerts have been found for Mouse Anti-Nestin Monoclonal antibody, Unconjugated, Clone rat-401.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 91 mentions in open access literature.

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

Merino F, et al. (2026) Nuclear proteome reveals microtubule-associated protein regulating fate and disease. *Cell*.

Nemati S, et al. (2026) Therapeutic reactivation of hippocampal progenitors reverse cognition decline in mice with progressive brain demyelination. *Stem cell reports*, 21(5), 102896.

Li Y, et al. (2026) PP2Ac[?] regulates cerebellar development via phosphorylation-dependent neuronal programs. *iScience*, 29(1), 114352.

Pavan C, et al. (2025) A cloaked human stem-cell-derived neural graft capable of functional integration and immune evasion in rodent models. *Cell stem cell*, 32(5), 710.

Valla SA, et al. (2025) Pituitary folliculo-stellate cells modulate tumor vasculature and extracellular matrix composition in experimental lactosomatotropinomas. *Biochemical and biophysical research communications*, 767, 151876.

Nieto-Estevez V, et al. (2025) Dual developmental effects of ARX poly-alanine mutations on human cortical excitatory and inhibitory neurons. *Cell reports*, 45(1), 116746.

Huang J, et al. (2025) High matrix stiffness triggers testosterone decline in aging males by disrupting stem Leydig cell pool homeostasis. *Cell reports*, 44(9), 116207.

Valenti G, et al. (2025) Regulatory network analysis of Dclk1 gene expression reveals a tuft cell-ILC2 axis that inhibits pancreatic tumor progression. *Cell reports*, 44(6), 115734.

Sakuma R, et al. (2025) Nrf2 phosphorylation contributes to acquisition of pericyte reprogramming via the PKC[?] pathway. *Neurobiology of disease*, 206, 106824.

Billmann C, et al. (2025) Analysis of β -Catenin Signalling Activity Suggests Differential Regulation of Ontogenetically Distinct Dentate Granule Neuron Populations. *International journal of developmental neuroscience : the official journal of the International Society for*

Developmental Neuroscience, 85(1), e70009.

Grass T, et al. (2024) Isogenic patient-derived organoids reveal early neurodevelopmental defects in spinal muscular atrophy initiation. *Cell reports. Medicine*, 5(8), 101659.

Frasca A, et al. (2024) Neural precursor cells rescue symptoms of Rett syndrome by activation of the Interferon γ pathway. *EMBO molecular medicine*, 16(12), 3218.

Sun Z, et al. (2024) Harnessing developmental dynamics of spinal cord extracellular matrix improves regenerative potential of spinal cord organoids. *Cell stem cell*, 31(5), 772.

Dause TJ, et al. (2024) Autocrine VEGF drives neural stem cell proximity to the adult hippocampus vascular niche. *Life science alliance*, 7(7).

Glotzbach K, et al. (2024) Cationic Hydrogels Modulate Neural Stem and Progenitor Cell Proliferation and Differentiation Behavior in Dependence of Cationic Moiety Concentration in 2D Cell Culture. *ACS biomaterials science & engineering*, 10(5), 3148.

Santos SIP, et al. (2024) Oligodendrocyte precursor cell-derived exosomes combined with cell therapy promote clinical recovery by immunomodulation and gliosis attenuation. *Frontiers in cellular neuroscience*, 18, 1413843.

Mubuchi A, et al. (2024) Assembly of neuron- and radial glial-cell-derived extracellular matrix molecules promotes radial migration of developing cortical neurons. *eLife*, 12.

Ševc J, et al. (2024) Comparative model of minimal spinal cord injury reveals a rather anti-inflammatory response in the lesion site as well as increased proliferation in the central canal lining in the neonates compared to the adult rats. *Developmental neurobiology*, 84(3), 169.

Wang G, et al. (2024) Ethanol changes Nestin-promoter induced neural stem cells to disturb newborn dendritic spine remodeling in the hippocampus of mice. *Neural regeneration research*, 19(2), 416.

Hernandez-Benitez R, et al. (2024) Intervention with metabolites emulating endogenous cell transitions accelerates muscle regeneration in young and aged mice. *Cell reports. Medicine*, 5(3), 101449.