

Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

Neuron-specific beta-III Tubulin Antibody

RRID:AB_357520

Type: Antibody

Proper Citation

R and D Systems Cat# MAB1195, RRID:AB_357520

Antibody Information

URL: http://antibodyregistry.org/AB_357520

Proper Citation: R and D Systems Cat# MAB1195, RRID:AB_357520

Target Antigen: beta-III Tubulin

Host Organism: Mouse

Clonality: monoclonal

Comments: Applications: Western Blot, Simple Western, Immunohistochemistry, Intracellular Staining by Flow Cytometry, Immunocytochemistry

Antibody Name: Neuron-specific beta-III Tubulin Antibody

Description: This monoclonal targets beta-III Tubulin

Target Organism: Multi-Species

Clone ID: TuJ-1

Defining Citation: [PMID:17299760](#), [PMID:18335562](#), [PMID:17990272](#), [PMID:20737600](#)

Antibody ID: AB_357520

Vendor: R and D Systems

Catalog Number: MAB1195

Alternative Catalog Numbers: MAB1195-SP

Record Creation Time: 20250819T231725+0000

Record Last Update: 20250820T045308+0000

Ratings and Alerts

- Human colon Whole Mount technique staining in Submucosal plexus in Soma shows weak immunostaining. Human colon Whole Mount technique staining in Submucosal plexus in Fibers shows strong immunostaining. Human colon Whole Mount technique staining in Myenteric plexus in Soma shows weak immunostaining. Human colon Whole Mount technique staining in Myenteric plexus in Fibers shows strong immunostaining. Human colon Clarity technique staining in Submucosal plexus in Soma shows weak immunostaining. Human colon Clarity technique staining in Submucosal plexus in Fibers shows strong immunostaining. Human colon Clarity technique staining in Myenteric plexus in Soma shows weak immunostaining. Human colon Clarity technique staining in Myenteric plexus in Fibers shows strong immunostaining. Data provided by Tache lab. - Brookes et al. (2022) via SPARC <https://sparc.science/resources/7Mlidjv3RIVrQ11hpBC8PK>

No alerts have been found for Neuron-specific beta-III Tubulin Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 113 mentions in open access literature.

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

Yagasaki R, et al. (2025) The gut contractile organoid for studying the gut motility regulated by coordinating signals between interstitial cells of Cajal and smooth muscles. *eLife*, 13.

Li W, et al. (2025) A brain-to-lung signal from GABAergic neurons to ADRB2+ interstitial macrophages promotes pulmonary inflammatory responses. *Immunity*, 58(8), 2069.

Takekoshi Y, et al. (2025) Reelin Increases the Sphingomyelin Content of the Plasma Membrane and Affects the Surface Expression of GPI-Anchored Proteins in Hippocampal Neurons. *Journal of neurochemistry*, 169(9), e70225.

Chan BKC, et al. (2025) A combined enteric neuron-gastric tumor organoid reveals metabolic vulnerabilities in gastric cancer. *Cell stem cell*.

Kolter J, et al. (2025) Sensory neurons shape local macrophage identity via TGF- β signaling. *Immunity*.

Cabaj M, et al. (2025) Alpha-synuclein abundance and localization are regulated by the RNA-binding protein PUMILIO1. *Cell reports*, 44(8), 116145.

Raina A, et al. (2025) Skin-derived α -synuclein strains from PD, DLB, and MSA induce distinct intracellular pathology and neurodegeneration. *The Journal of biological chemistry*,

302(1), 111005.

Kumari R, et al. (2025) Retrograde control of sympathetic neuron-satellite glia interactions by target-derived NGF signaling. *Cell reports*, 44(12), 116697.

Pulido C, et al. (2025) Neuromodulator control of energy reserves in dopaminergic neurons. *bioRxiv : the preprint server for biology*.

Yamaura T, et al. (2025) Laminin 332 regulates glial fibrillary acidic protein expression and astrocyte maturation during spinal cord development. *Journal of anatomy*.

Kumar M, et al. (2025) Triglycerides are an important fuel reserve for synapse function in the brain. *Nature metabolism*, 7(7), 1392.

Pulido C, et al. (2025) Neuromodulatory control of energy reserves in dopaminergic neurons. *Proceedings of the National Academy of Sciences of the United States of America*, 122(50), e2523019122.

Song B, et al. (2025) Histotripsy-Focused Ultrasound Treatment Abrogates Tumor Hypoxia Responses and Stimulates Antitumor Immune Responses in Melanoma. *Molecular cancer therapeutics*, 24(7), 1088.

Morishita R, et al. (2025) Histological study on the postnatal development of the nerve network in the rat ileal mucosa and submucosa. *Cell and tissue research*, 400(1), 71.

Belyaeva A, et al. (2025) Generation of iPSCs line from patient with Singleton-Merten syndrome. *Human cell*, 38(3), 71.

Park SH, et al. (2025) Establishment of a homozygous LMNA knock-out human induced pluripotent stem cell line using CRISPR/Cas9 system. *Stem cell research*, 87, 103779.

Jocher J, et al. (2024) Generation and characterization of three fibroblast-derived Rhesus Macaque induced pluripotent stem cell lines. *Stem cell research*, 74, 103277.

Jocher J, et al. (2024) Generation and characterization of two Vervet monkey induced pluripotent stem cell lines derived from fibroblasts. *Stem cell research*, 75, 103315.

Bekku Y, et al. (2024) Glia trigger endocytic clearance of axonal proteins to promote rodent myelination. *Developmental cell*.

Zeng S, et al. (2024) The MORC2 p.S87L mutation reduces proliferation of pluripotent stem cells derived from a patient with the spinal muscular atrophy-like phenotype by inhibiting proliferation-related signaling pathways. *Neural regeneration research*, 19(1), 205.