

Resource Summary Report

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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: 20231110T081304+0000

Record Last Update: 20260829T142733+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 120 mentions in open access literature.

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

Loureiro JR, et al. (2026) The insertion of an ATTTC repeat in an Alu element hyperactivates a neurodevelopmental enhancer in spinocerebellar ataxia type 37. Cell reports, 45(4), 117146.

Fieblinger T, et al. (2026) Repurposing drugs for treating the neurobehavioral manifestations of PTEN hamartoma tumor syndrome. iScience, 29(4), 115428.

Han J, et al. (2026) Locomotion-induced neural activity independent of auditory feedback in the mouse inferior colliculus. iScience, 29(3), 115057.

Zheng WS, et al. (2026) Optical insights into spatial precision and release heterogeneity of neuromodulatory transmission. iScience, 29(6), 116037.

Broeglin A, et al. (2026) Protocol for automated quantification of neuronal cells using the Agilent BioTek Cytation system and Gen5 neurite outgrowth module. STAR protocols, 7(2), 104485.

Mendoza-Silva V, et al. (2026) The MacBrain Resource Center (MBRC) rhesus macaque embryonic brain histology datasets. Journal of anatomy.

Park HJ, et al. (2026) A neural stem cell-derived 3D spheroid model that recapitulates prion infection and pathology. Materials today. Bio, 39, 103378.

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.

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.

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.

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.

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

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

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.