

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 11, 2025

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](https://pubmed.ncbi.nlm.nih.gov/17299760/), [PMID:18335562](https://pubmed.ncbi.nlm.nih.gov/18335562/), [PMID:17990272](https://pubmed.ncbi.nlm.nih.gov/17990272/), [PMID:20737600](https://pubmed.ncbi.nlm.nih.gov/20737600/)

Antibody ID: AB_357520

Vendor: R and D Systems

Catalog Number: MAB1195

Alternative Catalog Numbers: MAB1195-SP

Record Creation Time: 20241016T223407+0000

Record Last Update: 20241016T230746+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 101 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Lee SH, et al. (2024) Generation of an induced pluripotent stem cell line from a patient with arrhythmogenic right ventricular cardiomyopathy harboring a TMEM43 splice-site variant. Stem cell research, 78, 103453.

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

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.

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

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.

Sun P, et al. (2024) Generation of self-renewing neuromesodermal progenitors with neuronal and skeletal muscle bipotential from human embryonic stem cells. *Cell reports methods*, 4(11), 100897.

Takagi D, et al. (2024) Generation of MBP-tdTomato reporter human induced pluripotent stem cell line for live myelin visualization. *Stem cell research*, 79, 103493.

Mori M, et al. (2024) Generation of human induced pluripotent stem cell lines derived from four Rett syndrome patients with MECP2 mutations. *Stem cell research*, 77, 103432.

Ge N, et al. (2024) Generation of human induced pluripotent stem cell lines derived from patients of cystic biliary atresia. *Human cell*, 38(1), 18.

Fan Y, et al. (2024) The adipose-neural axis is involved in epicardial adipose tissue-related cardiac arrhythmias. *Cell reports. Medicine*, 5(5), 101559.

Jocher J, et al. (2024) Generation and characterization of two fibroblast-derived Baboon induced pluripotent stem cell lines. *Stem cell research*, 75, 103316.

Di Meo D, et al. (2024) Pip5k1 γ regulates axon formation by limiting Rap1 activity. *Life science alliance*, 7(5).

Fang R, et al. (2024) Generation of an induced pluripotent stem cell line (SYSUSCi004-A) from a patient with Infantile Malignant Osteopetrosis. *Stem cell research*, 76, 103330.

Kokotos AC, et al. (2024) Phosphoglycerate kinase is a central leverage point in Parkinson's disease-driven neuronal metabolic deficits. *Science advances*, 10(34), eadn6016.

Zhao LL, et al. (2023) Transcriptional regulatory network during axonal regeneration of dorsal root ganglion neurons: laser-capture microdissection and deep sequencing. *Neural regeneration research*, 18(9), 2056.

Tamura Y, et al. (2023) Incomplete Elongation of Ultra-long-chain Polyunsaturated Acyl-CoAs by the Fatty Acid Elongase ELOVL4 in Spinocerebellar Ataxia Type 34. *Molecular and cellular biology*, 43(2), 1.

Batenburg KL, et al. (2023) Intraneuronal tau aggregation induces the integrated stress response in astrocytes. *Journal of molecular cell biology*, 14(10).

Jeon SB, et al. (2023) Human induced pluripotent stem cell line YCMi007-A generated from a dilated cardiomyopathy patient with a heterozygous dominant c.613C > T (p. Arg205Trp) variant of the TNNT2 gene. *Stem cell research*, 67, 103048.

Cao Y, et al. (2023) Dopamine inhibits group 2 innate lymphoid cell-driven allergic lung inflammation by dampening mitochondrial activity. *Immunity*, 56(2), 320.

Kürten K, et al. (2023) Dysregulated expression and distribution of Kif5 β in neurites of wobbler motor neurons. *Neural regeneration research*, 18(1), 150.