

Resource Summary Report

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Neuron-specific beta-III Tubulin MAb (Clone TuJ-1)

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: Neuron-specific beta-III Tubulin MAb (Clone TuJ-1)

Host Organism: mouse

Clonality: monoclonal

Comments: vendor recommendations: IgG2A Immunocytochemistry; Immunohistochemistry; Western Blot; Immunocytochemistry, Western Blot

Antibody Name: Neuron-specific beta-III Tubulin MAb (Clone TuJ-1)

Description: This monoclonal targets Neuron-specific beta-III Tubulin MAb (Clone TuJ-1)

Target Organism: chickenbird, porcine, drosophilaarthropod, hamster, human, xenopusamphibian, donkey, goat, horse, mollusc, rabbit, mouse, plant, rat, amoebaprotzoa, bacteriaarchaea, bovine, sheep, canine, feline, reptile, multispecies

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

Antibody ID: AB_357520

Vendor: R and D Systems

Catalog Number: MAB1195

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 MAb (Clone TuJ-1).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 93 mentions in open access literature.

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

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.

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.

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

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

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.

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? regulates axon formation by limiting Rap1 activity. Life science alliance, 7(5).

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.

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.

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.

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? in neurites of wobbler motor neurons. Neural regeneration research, 18(1), 150.

Huang H, et al. (2023) Disruption of neuronal RHEB signaling impairs oligodendrocyte differentiation and myelination through mTORC1-DLK1 axis. Cell reports, 42(7), 112801.

Wang D, et al. (2023) Promoting axon regeneration by inhibiting RNA N6-methyladenosine demethylase ALKBH5. eLife, 12.

Yu X, et al. (2023) Peripheral Fragile X messenger ribonucleoprotein is required for the timely closure of a critical period for neuronal susceptibility in the ventral cochlear nucleus. Frontiers in cellular neuroscience, 17, 1186630.

van der Valk WH, et al. (2023) A single-cell level comparison of human inner ear organoids with the human cochlea and vestibular organs. Cell reports, 42(6), 112623.

Bressan E, et al. (2023) The Foundational Data Initiative for Parkinson Disease: Enabling efficient translation from genetic maps to mechanism. Cell genomics, 3(3), 100261.

Dey S, et al. (2023) Kinesin family member 2A gates nociception. Cell reports, 42(10), 113257.

Harley P, et al. (2023) Aberrant axon initial segment plasticity and intrinsic excitability of ALS hiPSC motor neurons. Cell reports, 42(12), 113509.