

Resource Summary Report

Generated by [RRID](#) on Aug 13, 2026

Neuronal Class III beta-Tubulin (TUJ1) Monoclonal Antibody, Purified

RRID:AB_2313773

Type: Antibody

Proper Citation

(Covance Cat# MMS-435P, RRID:AB_2313773)

Antibody Information

URL: http://antibodyregistry.org/AB_2313773

Proper Citation: (Covance Cat# MMS-435P, RRID:AB_2313773)

Target Antigen: Neuronal Class III beta-Tubulin (TUJ1) Purified

Host Organism: mouse

Clonality: monoclonal

Comments: Discontinued; Applications: IHC-P, WB, ICC, FC

This product is discontinued at Covance (documented 4/21/2016) and the same as AB_2313773, but was at one point sold in the 250uL quantity; and it is currently offered by BioLegend under the catalog numbers: 801201 and 801202

Consolidation on 9/2016: AB_10063408

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Consolidation on 6/2023: AB_663338

Antibody Name: Neuronal Class III beta-Tubulin (TUJ1) Monoclonal Antibody, Purified

Description: This monoclonal targets Neuronal Class III beta-Tubulin (TUJ1) Purified

Target Organism: feline, rat, hamster, donkey, porcine, canine, goat, horse, mammalian, mouse, rabbit, bovine, human, sheep

Clone ID: Clone TUJ1

Defining Citation: [PMID:18551532](#), [PMID:20506477](#), [PMID:22847514](#), [PMID:16977618](#), [PMID:18803239](#), [PMID:19399895](#), [PMID:22806400](#), [PMID:17436285](#), [PMID:18271024](#),

[PMID:21344404](#), [PMID:21452215](#), [PMID:19350672](#), [PMID:18205207](#), [PMID:18651636](#),
[PMID:19479999](#), [PMID:16680766](#), [PMID:16786555](#), [PMID:20017208](#), [PMID:22522921](#),
[PMID:18729150](#), [PMID:17154269](#), [PMID:17335037](#), [PMID:23640803](#)

Antibody ID: AB_2313773

Vendor: Covance

Catalog Number: MMS-435P

Alternative Catalog Numbers: MMS-435P-250

Record Creation Time: 20260311T190837+0000

Record Last Update: 20260311T190839+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

Warning: Discontinued at Covance

Discontinued; Applications: IHC-P, WB, ICC, FC

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Consolidation on 6/2023: AB_663338

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 619 mentions in open access literature.

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

Kwon J, et al. (2026) Generation of cynomolgus embryonic stem cell line (KP-CmESC-C1) from blastocysts produced by intracellular sperm injection. Stem cell research, 93,

103970.

Jang YJ, et al. (2026) Cooperative role of CD81 with GPR56 and collagen III in cortical formation. *Neuroscience research*, 225, 105035.

Sun M, et al. (2026) Intracellular sclerostin promotes tumor progression and metastasis as a potential therapeutic target in triple-negative breast cancer. *Cell reports. Medicine*, 7(5), 102763.

Osumi A, et al. (2026) Enhanced engraftment of transplanted microglia through host microglia depletion in the embryonic brain. *Neuroscience research*, 228, 105071.

Chang CY, et al. (2026) Cryopreservable dopaminergic progenitors derived from human iPSCs with accelerated loss of pluripotency and early functional restoration in Parkinsonian rats. *NPJ Parkinson's disease*, 12(1).

Iseppon F, et al. (2026) Shared and specific molecular mechanisms of proteasome inhibitors in chemotherapy-induced peripheral neurotoxicity. *British journal of pharmacology*, 183(16), 5120.

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

Li A, et al. (2026) Temporal transcriptomic changes during neurodevelopment in a mouse model of Smith-Lemli-Opitz syndrome. *The Journal of steroid biochemistry and molecular biology*, 257, 106935.

Sato F, et al. (2026) Induction of neurodegeneration in the hippocampus of senescence-accelerated mouse-prone 8 (SAMP8) mice by blood-brain barrier-crossing serum amyloid P component. *Journal of neuroinflammation*, 23(1), 66.

Raguin J, et al. (2026) Human cerebral organoids with microglia and vasculature model glioma stem cell interactions and radiotherapy response. *Cell reports methods*, 6(6), 101425.

Jenike A, et al. (2026) Changes in Melanopsin expression in the iris after corneal abrasion in an experimental rat model. *Experimental eye research*, 270, 111108.

Xu W, et al. (2026) S-acylation of TDP43 regulates its condensation in amyotrophic lateral sclerosis. *Molecular cell*, 86(11), 2191.

Rowland ES, et al. (2026) Functional maturation of enteric neurons derived from human induced pluripotent stem cells. *Stem cell reports*, 21(7), 102942.

Bouwman LF, et al. (2026) Loss of astrocytic markers and impaired metabolic function in spinocerebellar ataxia type 7 patient-derived neural cultures. *Neurobiology of disease*, 227, 107477.

Pasniceanu IS, et al. (2026) Striatal neuron dysfunction in C9ORF72-FTD/ALS is driven by AIS and potassium channel dysregulation. *Cell reports*, 45(7), 117672.

Iriki H, et al. (2026) Induction of human pruriceptors from pluripotent stem cells via transcription factors. *Stem cell reports*, 103004.

Castelli S, et al. (2026) IL-9 signaling redirects CAR T cell fate toward CD8+ memory and CD4+ cycling states, enhancing antitumor efficacy. *Immunity*, 59(1), 195.

Dondzillo A, et al. (2026) Quantifying calretinin-labeled afferent terminals in vestibular sensory epithelia of young and older gerbils. *Neurobiology of aging*, 161, 73.

Somasundaram P, et al. (2026) Coordinated stimulation of axon regenerative and neurodegenerative transcriptional programs by ATF4 following optic nerve injury. *eLife*, 12.

Hasegawa M, et al. (2026) Tolerance to extracellular acidic pH facilitates tumor plasticity. *Cell reports*, 117226.