Resource Summary Report

Generated by NIF on Aug 25, 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 NIF .

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.

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.

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.

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.

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.

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.