

Resource Summary Report

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Monoclonal Anti-beta-Tubulin III (neuronal) antibody produced in mouse

RRID:AB_1841228

Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# T8578, RRID:AB_1841228)

Antibody Information

URL: http://antibodyregistry.org/AB_1841228

Proper Citation: (Sigma-Aldrich Cat# T8578, RRID:AB_1841228)

Target Antigen: beta-Tubulin III (neuronal) antibody produced in mouse

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: IgG2a Immunocytochemistry; Immunohistochemistry; Immunoprecipitation; Western Blot; immunoprecipitation: suitable, immunocytochemistry: suitable, immunohistochemistry1: suitable, immunoblotting: 0.25-0.5 mug/mL

Antibody Name: Monoclonal Anti-beta-Tubulin III (neuronal) antibody produced in mouse

Description: This monoclonal targets beta-Tubulin III (neuronal) antibody produced in mouse

Target Organism: human, mouse, rat

Antibody ID: AB_1841228

Vendor: Sigma-Aldrich

Catalog Number: T8578

Ratings and Alerts

No rating or validation information has been found for Monoclonal Anti-beta-Tubulin III (neuronal) antibody produced in mouse.

No alerts have been found for Monoclonal Anti-beta-Tubulin III (neuronal) antibody produced in mouse.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 53 mentions in open access literature.

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

Zhang X, et al. (2024) Cell-type specific circadian transcription factor BMAL1 roles in excitotoxic hippocampal lesions to enhance neurogenesis. *iScience*, 27(2), 108829.

Asghari Adib E, et al. (2024) DLK signaling in axotomized neurons triggers complement activation and loss of upstream synapses. *Cell reports*, 43(2), 113801.

Falconieri A, et al. (2023) Axonal plasticity in response to active forces generated through magnetic nano-pulling. *Cell reports*, 42(1), 111912.

Jeong S, et al. (2023) Integration of reconfigurable microchannels into aligned three-dimensional neural networks for spatially controllable neuromodulation. *Science advances*, 9(10), eadf0925.

Gowthami N, et al. (2023) Neuroanatomical zones of human traumatic brain injury reveal significant differences in protein profile and protein oxidation: Implications for secondary injury events. *Journal of neurochemistry*, 167(2), 218.

Newton S, et al. (2023) Absence of Embigin accelerates hearing loss and causes sub-viability, brain and heart defects in C57BL/6N mice due to interaction with Cdh23ahl. *iScience*, 26(10), 108056.

Kim J, et al. (2023) Evolutionarily conserved regulators of tau identify targets for new therapies. *Neuron*, 111(6), 824.

Henke MT, et al. (2023) Generation of two mother-child pairs of iPSCs from maternally inherited Leigh syndrome patients with m.8993 T > G and m.9176 T > G MT-ATP6 mutations. *Stem cell research*, 67, 103030.

Ng WH, et al. (2022) Recapitulating human cardio-pulmonary co-development using

simultaneous multilineage differentiation of pluripotent stem cells. *eLife*, 11.

Steiner T, et al. (2022) RNA-based generation of iPSCs from a boy carrying the mutation m.9185 T>C in the mitochondrial gene MT-ATP6 and from his healthy mother. *Stem cell research*, 64, 102920.

Sowmithra S, et al. (2022) Recovery of Human Embryonic Stem Cells-Derived Neural Progenitors Exposed to Hypoxic-Ischemic-Reperfusion Injury by Indirect Exposure to Wharton's Jelly Mesenchymal Stem Cells Through Phosphatidyl-inositol-3-Kinase Pathway. *Cellular and molecular neurobiology*, 42(4), 1167.

Miller DC, et al. (2022) Generation of induced pluripotent stem cells from three individuals with Huntington's disease. *Stem cell research*, 65, 102976.

Khongkla E, et al. (2022) A Novel Methodology Using Dexamethasone to Induce Neuronal Differentiation in the CNS-Derived Catecholaminergic CAD Cells. *Cellular and molecular neurobiology*, 42(7), 2337.

Vaziri N, et al. (2022) Generation of two human induced pluripotent stem cell lines from peripheral blood mononuclear cells of clozapine-tolerant and clozapine-induced myocarditis patients with treatment-resistant schizophrenia. *Stem cell research*, 63, 102877.

Park TI, et al. (2022) Routine culture and study of adult human brain cells from neurosurgical specimens. *Nature protocols*, 17(2), 190.

Jagtap S, et al. (2022) Generation of induced pluripotent stem cells (NIMHi004-A, NIMHi005-A and NIMHi006-A) from healthy individuals of Indian ethnicity with no mutation for Parkinson's disease related genes. *Stem cell research*, 60, 102716.

Lorenz C, et al. (2022) Generation of four iPSC lines from four patients with Leigh syndrome carrying homoplasmic mutations m.8993T > G or m.8993T > C in the mitochondrial gene MT-ATP6. *Stem cell research*, 61, 102742.

Hamnett R, et al. (2022) Regional cytoarchitecture of the adult and developing mouse enteric nervous system. *Current biology : CB*, 32(20), 4483.

Kälin RE, et al. (2021) TAMEP are brain tumor parenchymal cells controlling neoplastic angiogenesis and progression. *Cell systems*, 12(3), 248.

Schieweck R, et al. (2021) Pumilio2 and Staufien2 selectively balance the synaptic proteome. *Cell reports*, 35(12), 109279.