

Resource Summary Report

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Monoclonal Anti-beta-Tubulin antibody produced in mouse

RRID:AB_477556

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# T0198, RRID:AB_477556

Antibody Information

URL: http://antibodyregistry.org/AB_477556

Proper Citation: Sigma-Aldrich Cat# T0198, RRID:AB_477556

Target Antigen: beta-Tubulin antibody produced in mouse

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: IgG1 immunocytochemistry: suitable, immunoblotting: 0.5-1.0 mug/mL; ELISA; Functional Assay; Immunoprecipitation; Immunocytochemistry; Western Blot

Antibody Name: Monoclonal Anti-beta-Tubulin antibody produced in mouse

Description: This monoclonal targets beta-Tubulin antibody produced in mouse

Target Organism: chicken, monkey, rat, hamster, canine, chlamydomonas reinhardtii, amoebaprotzoa, mouse, chickenbird, rabbit, bovine, human

Antibody ID: AB_477556

Vendor: Sigma-Aldrich

Catalog Number: T0198

Record Creation Time: 20250820T002822+0000

Record Last Update: 20250820T082142+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Özel C, et al. (2026) Mitochondrial integrity modulates mTOR signaling and podocyte function. *iScience*, 29(1), 114279.

Petrovic D, et al. (2025) Ergothioneine improves healthspan of aged animals by enhancing cGPDH activity through CSE-dependent persulfidation. *Cell metabolism*, 37(2), 542.

Asano S, et al. (2025) Dimerisation of the VIP receptor VIPR2 is essential to its binding VIP and G*q*i proteins, and to its functions in breast cancer cells. *British journal of pharmacology*, 182(15), 3612.

Cheng A, et al. (2024) Pharmacological inhibition of FABP7 by MF 6 counteracts cerebellum dysfunction in an experimental multiple system atrophy mouse model. *Acta pharmacologica Sinica*, 45(1), 66.

Barisic D, et al. (2024) ARID1A orchestrates SWI/SNF-mediated sequential binding of transcription factors with ARID1A loss driving pre-memory B cell fate and lymphomagenesis. *Cancer cell*.

Sen D, et al. (2023) Metabolic regulation of CTCF expression and chromatin association dictates starvation response in mice and flies. *iScience*, 26(7), 107128.

Job V, et al. (2022) Genomic erosion and horizontal gene transfer shape functional differences of the ExlA toxin in *Pseudomonas* spp. *iScience*, 25(7), 104596.

Espinosa-Velasco M, et al. (2022) Behavioural and neurochemical effects after repeated administration of N-ethylpentylone (ephylone) in mice. *Journal of neurochemistry*, 160(2), 218.

Song J, et al. (2022) The ubiquitin-ligase TRAF6 and TGF*β* type I receptor form a complex with Aurora kinase B contributing to mitotic progression and cytokinesis in cancer cells. *EBioMedicine*, 82, 104155.

Cheng A, et al. (2021) A novel fatty acid-binding protein 5 and 7 inhibitor ameliorates oligodendrocyte injury in multiple sclerosis mouse models. *EBioMedicine*, 72, 103582.

Morales PE, et al. (2021) Skeletal muscle type-specific mitochondrial adaptation to high-fat diet relies on differential autophagy modulation. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 35(10), e21933.

Rajagopal S, et al. (2021) Regulation of post-ischemic inflammatory response: A novel function of the neuronal tyrosine phosphatase STEP. *Brain, behavior, and immunity*, 93, 141.

Pereyra AS, et al. (2020) Loss of Muscle Carnitine Palmitoyltransferase 2 Prevents Diet-Induced Obesity and Insulin Resistance despite Long-Chain Acylcarnitine Accumulation. *Cell reports*, 33(6), 108374.

Yang B, et al. (2020) Cystatin C improves blood-brain barrier integrity after ischemic brain injury in mice. *Journal of neurochemistry*, 153(3), 413.

Saha A, et al. (2018) Class I histone deacetylases in retinal progenitors and differentiating ganglion cells. *Gene expression patterns : GEP*, 30, 37.

Platnich JM, et al. (2018) Shiga Toxin/Lipopolysaccharide Activates Caspase-4 and Gasdermin D to Trigger Mitochondrial Reactive Oxygen Species Upstream of the NLRP3 Inflammasome. *Cell reports*, 25(6), 1525.

Zirkel A, et al. (2018) HMGB2 Loss upon Senescence Entry Disrupts Genomic Organization and Induces CTCF Clustering across Cell Types. *Molecular cell*, 70(4), 730.

Calabretta S, et al. (2018) Loss of PRMT5 Promotes PDGFR γ Degradation during Oligodendrocyte Differentiation and Myelination. *Developmental cell*, 46(4), 426.

Sharif AS, et al. (2018) C8ORF37 Is Required for Photoreceptor Outer Segment Disc Morphogenesis by Maintaining Outer Segment Membrane Protein Homeostasis. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(13), 3160.

Wang Y, et al. (2017) Fisetin provides antidepressant effects by activating the tropomyosin receptor kinase B signal pathway in mice. *Journal of neurochemistry*, 143(5), 561.