

Resource Summary Report

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Monoclonal Anti-beta-Tubulin I antibody produced in mouse

RRID:AB_261770

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# T7816, RRID:AB_261770

Antibody Information

URL: http://antibodyregistry.org/AB_261770

Proper Citation: Sigma-Aldrich Cat# T7816, RRID:AB_261770

Target Antigen: beta-Tubulin I antibody produced in mouse

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: IgG1 immunohistochemistry (formalin-fixed, paraffin-embedded sections): suitable, immunocytochemistry: suitable, indirect ELISA: suitable, immunoblotting: 1:20,000; Immunohistochemistry; Immunocytochemistry; ELISA; Other; Western Blot

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

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

Target Organism: chicken, rat, hamster, xenopusamphibian, xenopus, canine, mouse, chickenbird, bovine, human

Antibody ID: AB_261770

Vendor: Sigma-Aldrich

Catalog Number: T7816

Record Creation Time: 20250819T212345+0000

Record Last Update: 20250819T224917+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Novak J, et al. (2025) The adaptor protein Miro1 modulates horizontal transfer of mitochondria in mouse melanoma models. Cell reports, 44(1), 115154.

Tran MV, et al. (2024) MAP9/MAPH-9 supports axonemal microtubule doublets and modulates motor movement. Developmental cell, 59(2), 199.

Manara MC, et al. (2024) Engagement of CD99 Activates Distinct Programs in Ewing Sarcoma and Macrophages. Cancer immunology research, 12(2), 247.

Talvi S, et al. (2024) Embigin deficiency leads to delayed embryonic lung development and high neonatal mortality in mice. iScience, 27(2), 108914.

Haggerty KN, et al. (2024) Super-resolution mapping in rod photoreceptors identifies rhodopsin trafficking through the inner segment plasma membrane as an essential subcellular pathway. PLoS biology, 22(1), e3002467.

Ishibashi K, et al. (2024) Astrocyte-induced mGluR1 activates human lung cancer brain metastasis via glutamate-dependent stabilization of EGFR. Developmental cell, 59(5), 579.

Singh DK, et al. (2023) 5-Azacytidine- and retinoic-acid-induced reprogramming of DCCs into dormancy suppresses metastasis via restored TGF- β -SMAD4 signaling. Cell reports, 42(6), 112560.

Piol D, et al. (2023) Antagonistic effect of cyclin-dependent kinases and a calcium-dependent phosphatase on polyglutamine-expanded androgen receptor toxic gain of function. Science advances, 9(1), eade1694.

Rocca MS, et al. (2023) Mutational Screening of Androgen Receptor Gene in 8224 Men of Infertile Couples. The Journal of clinical endocrinology and metabolism, 108(5), 1181.

He W, et al. (2023) Modeling breast cancer proliferation, drug synergies, and alternating therapies. iScience, 26(5), 106714.

Haggerty KN, et al. (2023) Mapping rhodopsin trafficking in rod photoreceptors with quantitative super-resolution microscopy. *bioRxiv : the preprint server for biology*.

Harpaz N, et al. (2022) Single-cell epigenetic analysis reveals principles of chromatin states in H3.3-K27M gliomas. *Molecular cell*, 82(14), 2696.

Dings MPG, et al. (2022) Estrogen-related receptor alpha drives mitochondrial biogenesis and resistance to neoadjuvant chemoradiation in esophageal cancer. *Cell reports. Medicine*, 3(11), 100802.

Roy B, et al. (2022) Aurora B phosphorylates Bub1 to promote spindle assembly checkpoint signaling. *Current biology : CB*, 32(1), 237.

Koivu MKA, et al. (2021) Identification of Predictive ERBB Mutations by Leveraging Publicly Available Cell Line Databases. *Molecular cancer therapeutics*, 20(3), 564.

Mellis AT, et al. (2021) The role of glutamate oxaloacetate transaminases in sulfite biosynthesis and H₂S metabolism. *Redox biology*, 38, 101800.

Migazzi A, et al. (2021) Huntingtin-mediated axonal transport requires arginine methylation by PRMT6. *Cell reports*, 35(2), 108980.

Calvo-Rodriguez M, et al. (2020) Increased mitochondrial calcium levels associated with neuronal death in a mouse model of Alzheimer's disease. *Nature communications*, 11(1), 2146.

Hirst WG, et al. (2020) Differences in Intrinsic Tubulin Dynamic Properties Contribute to Spindle Length Control in *Xenopus* Species. *Current biology : CB*, 30(11), 2184.

Kukreja AA, et al. (2020) Microtubule Attachment and Centromeric Tension Shape the Protein Architecture of the Human Kinetochore. *Current biology : CB*, 30(24), 4869.