

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 24, 2025

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: 20241016T220822+0000

Record Last Update: 20241016T221604+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 32 mentions in open access literature.

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

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 Kinetochores. *Current biology : CB*, 30(24), 4869.

Zhernov I, et al. (2020) Intrinsically Disordered Domain of Kinesin-3 Kif14 Enables Unique Functional Diversity. *Current biology : CB*, 30(17), 3342.

Piazzini M, et al. (2020) Expression of the double-stranded RNA-dependent kinase PKR influences osteosarcoma attachment independent growth, migration, and invasion. *Journal of cellular physiology*, 235(2), 1103.