

Resource Summary Report

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Monoclonal Anti-beta-Tubulin antibody produced in mouse

RRID:AB_477577

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# T4026, RRID:AB_477577

Antibody Information

URL: http://antibodyregistry.org/AB_477577

Proper Citation: Sigma-Aldrich Cat# T4026, RRID:AB_477577

Target Antigen: beta-Tubulin

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: indirect immunofluorescence, Western Blot

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

Description: This monoclonal targets beta-Tubulin

Target Organism: chicken, rat, moth, hamster, mouse, frog, plant, rabbit, bovine, wheat, human

Clone ID: TUB 2.1

Defining Citation: [PMID:23172043](#), [PMID:16786562](#)

Antibody ID: AB_477577

Vendor: Sigma-Aldrich

Catalog Number: T4026

Record Creation Time: 20250820T023036+0000

Record Last Update: 20250820T134645+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 120 mentions in open access literature.

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

Watterson A, et al. (2026) CRISPR screens in the context of immune selection identify CHD1 and MAP3K7 as mediators of cancer immunotherapy resistance. Cell reports. Medicine, 7(1), 102565.

Takasaki-Kawasaki H, et al. (2026) Establishment of a xenograft model of endometriosis-associated fibrosis using human immortalized endometrial stromal cells overexpressing HOXC8. Scientific reports, 16(1).

Porschen LT, et al. (2026) Circulating sphingosine-1-phosphate depletion is associated with endothelial activation and altered brain-endothelial S1P pathway expression in ischemic stroke. Fluids and barriers of the CNS, 23(1).

Kandhaya-Pillai R, et al. (2026) TRF2 enriched cytoplasmic chromatin drives cGAS-STAT1-mediated inflammation in senescence. iScience, 29(8), 116770.

Trimarco A, et al. (2026) Prostaglandin D2 Synthase Controls Schwann Cells Metabolism and Peripheral Myelin Homeostasis. Glia, 74(3), e70137.

Entrialgo-Cadierno R, et al. (2026) Anticancer activity of RAS-GTP inhibition in cholangiocarcinoma. Cancer cell, 44(6), 1218.

Harris Snell P, et al. (2026) Coordinated regulation of mRNA translation and stability by ZC3H7A and ZC3H7B RNA-binding proteins. Cell reports, 45(6), 117511.

Tseng PL, et al. (2025) Mechanical control of the alternative splicing factor PTBP1 regulates extracellular matrix stiffness induced proliferation and cell spreading. iScience, 28(4), 112273.

Zhu W, et al. (2025) Modulation of glucocorticoid receptor function under iron overload. Frontiers in immunology, 16, 1605420.

Hofstad M, et al. (2025) Dual inhibition of ATR and DNA-PKcs radiosensitizes ATM-mutant prostate cancer. Oncogene, 44(22), 1746.

Sherry J, et al. (2025) The Chlamydia effector Dre1 binds dynactin to reposition host organelles during infection. *Cell reports*, 44(4), 115509.

Guerrero Ruiz VM, et al. (2025) Macrophage fatty acid metabolism under chronic hypoxia shapes ?? T cell recruitment via CCL22. *iScience*, 28(8), 113025.

Paquette AL, et al. (2025) Competition for microtubule lattice spacing between a microtubule expander and compactor. *Current biology : CB*.

Weaver MR, et al. (2025) The STRIPAK complex is required for radial sorting and laminin receptor expression in Schwann cells. *Cell reports*, 44(3), 115401.

Trimarco A, et al. (2024) Prostaglandin D2 synthase controls Schwann cells metabolism. *bioRxiv : the preprint server for biology*.

Mubuchi A, et al. (2024) Assembly of neuron- and radial glial-cell-derived extracellular matrix molecules promotes radial migration of developing cortical neurons. *eLife*, 12.

Mann Z, et al. (2024) Preexisting tissue mechanical hypertension at adherens junctions disrupts apoptotic extrusion in epithelia. *Molecular biology of the cell*, 35(1), br3.

Matuskova H, et al. (2024) Spatiotemporal sphingosine-1-phosphate receptor 3 expression within the cerebral vasculature after ischemic stroke. *iScience*, 27(6), 110031.

Dopeso H, et al. (2024) RhoA downregulation in the murine intestinal epithelium results in chronic Wnt activation and increased tumorigenesis. *iScience*, 27(4), 109400.

Nagpal S, et al. (2024) Optogenetic control of kinesin-1, -2, -3 and dynein reveals their specific roles in vesicular transport. *Cell reports*, 43(8), 114649.