

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

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 113 mentions in open access literature.

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

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

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.

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

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.

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.

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.

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.

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

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

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.

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

Kommaddi RP, et al. (2024) Akt activation ameliorates deficits in hippocampal-dependent memory and activity-dependent synaptic protein synthesis in an Alzheimer's disease mouse model. *The Journal of biological chemistry*, 300(2), 105619.

Graca Marques J, et al. (2024) The Chromatin Remodeler CHD4 Sustains Ewing Sarcoma Cell Survival by Controlling Global Chromatin Architecture. *Cancer research*, 84(2), 241.

Simats A, et al. (2024) Innate immune memory after brain injury drives inflammatory cardiac dysfunction. *Cell*, 187(17), 4637.

Weil R, et al. (2024) Phosphorylation of Optineurin by protein kinase D regulates Parkin-dependent mitophagy. *iScience*, 27(12), 111384.

Pinton L, et al. (2023) 3D human induced pluripotent stem cell-derived bioengineered skeletal muscles for tissue, disease and therapy modeling. *Nature protocols*, 18(4), 1337.

Hawley SA, et al. (2023) BAY-3827 and SBI-0206965: Potent AMPK Inhibitors That Paradoxically Increase Thr172 Phosphorylation. *International journal of molecular sciences*, 25(1).

Serres MP, et al. (2023) MiniBAR/GARRE1 is a dual Rac and Rab effector required for ciliogenesis. *Developmental cell*, 58(22), 2477.