

Resource Summary Report

Generated by [dkNET](#) on Sep 15, 2026

Monoclonal Anti-alpha-Tubulin antibody produced in mouse

RRID:AB_477582

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# T6074, RRID:AB_477582

Antibody Information

URL: http://antibodyregistry.org/AB_477582

Proper Citation: Sigma-Aldrich Cat# T6074, RRID:AB_477582

Target Antigen: alpha-Tubulin antibody produced in mouse

Clonality: monoclonal

Comments: Vendor recommendations: IgG1 immunoblotting: 0.25-0.5 mug/mL

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

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

Target Organism: chicken, rat, chlamydomonas, amoebaprotzoa, mouse, bovine, human

Antibody ID: AB_477582

Vendor: Sigma-Aldrich

Catalog Number: T6074

Record Creation Time: 20231110T081521+0000

Record Last Update: 20260831T232133+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 246 mentions in open access literature.

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

He T, et al. (2026) γ -Ketoglutarate couples cellular metabolism to developmental growth via hydroxylation-dependent degradation of Yorkie. *Cell reports*, 45(2), 116922.

Vendramin R, et al. (2026) Nonsense-mediated mRNA decay inhibition reshapes the cancer immunopeptidome. *Immunity*, 59(5), 1398.

Ahmed B, et al. (2026) CRL2FEM1B uses heme to recruit BACH1 for degradation and regulate ferroptosis in lung cancer. *Molecular cell*, 86(10), 1993.

Zhao S, et al. (2026) RNF25 confers mRNA damage tolerance by curbing activation of the integrated stress response. *Molecular cell*, 86(7), 1275.

Lopes CR, et al. (2026) Genetic Deletion of Adenosine A2A Receptors Attenuates Aged-Related Alterations of Glial Cells Morphology and of Inflammasome in the Hippocampus and Prefrontal Cortex of Mice. *Glia*, 74(9), e70197.

Li Y, et al. (2026) PP2Ac γ regulates cerebellar development via phosphorylation-dependent neuronal programs. *iScience*, 29(1), 114352.

Pawar NR, et al. (2026) A whole genomic CRISPR-Cas9 screen identifies the amino acid transporter SLC43A1 (LAT3) as a major determinant of oxaliplatin sensitivity in colorectal cancer cells. *Molecular cancer therapeutics*.

Nakazawa S, et al. (2026) Effects of Arcadlin on dendritic spine morphology of hippocampal granule cells in a mouse model of ischemic stroke. *Biochemical and biophysical research communications*, 794, 153058.

Zobaroğlu Özer P, et al. (2026) Modulating microtubule stability via γ -tubulin acetylation partially restores Golgi fragmentation in spinal muscular atrophy. *Turkish journal of biology* = *Türk biyoloji dergisi*, 50(2), 158.

Chivite I, et al. (2026) Deletion of Mfn2 in endothelial cells triggers a mitohormetic response that improves systemic metabolism and healthspan in mice. *Cell metabolism*, 38(3), 546.

Spindler J, et al. (2026) SLX4IP limits replication stress globally and at ALT telomeres. *The EMBO journal*, 45(12), 4176.

Lefrançois G, et al. (2026) The role of ATP synthase subunit e (ATP5I) in mediating the metabolic and antiproliferative effects of metformin in cancer cells. *eLife*, 13.

Farhangmehr S, et al. (2026) A genome-wide functional analysis of conserved intronic regions reveals essential roles for speckle-associated retained introns. *Cell reports*, 45(7), 117696.

Hermanns T, et al. (2025) A family of bacterial Josephin-like deubiquitinases with an irreversible cleavage mode. *Molecular cell*, 85(6), 1202.

Álvarez-Villanueva D, et al. (2025) Separation-of-function mutants reveal the NF- κ B-independent involvement of I κ B γ in the regulation of intestinal stemness. *Cell reports*, 44(7), 115949.

Zhang Y, et al. (2025) Macropinocytosis maintains CAF subtype identity under metabolic stress in pancreatic cancer. *Cancer cell*, 43(9), 1677.

Caggiano R, et al. (2025) Suppression of ADP-ribosylation reversal triggers cell vulnerability to alkylating agents. *Neoplasia (New York, N.Y.)*, 59, 101092.

Sarmiento-Jiménez J, et al. (2025) A New GlyT2 Variant Associated with Hyperekplexia. *International journal of molecular sciences*, 26(14).

Boehm V, et al. (2025) Rapid UPF1 depletion illuminates the temporal dynamics of the NMD-regulated human transcriptome. *Molecular cell*.

Lugovoi ME, et al. (2025) The design of the spheroids-based in vitro tumor model determines its biomimetic properties. *Biomaterials advances*, 169, 214178.