

Resource Summary Report

Generated by [dkNET](#) on Sep 18, 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.

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

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.

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.

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*.

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

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.

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.

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.

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.

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

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

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.

da Silva Fernandes T, et al. (2025) Inosine monophosphate dehydrogenase 2 (IMPDH2) modulates response to therapy and chemo-resistance in triple negative breast cancer. Scientific reports, 15(1), 1061.