

Resource Summary Report

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Monoclonal Anti-alpha-Tubulin antibody produced in mouse

RRID:AB_477579

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# T5168, RRID:AB_477579

Antibody Information

URL: http://antibodyregistry.org/AB_477579

Proper Citation: Sigma-Aldrich Cat# T5168, RRID:AB_477579

Target Antigen: ?-tubulin

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IF, RIA, WB

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

Description: This monoclonal targets ?-tubulin

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

Clone ID: B-5-1-2

Defining Citation: [PMID:21452232](#)

Antibody ID: AB_477579

Vendor: Sigma-Aldrich

Catalog Number: T5168

Record Creation Time: 20231110T080858+0000

Record Last Update: 20260829T061530+0000

Ratings and Alerts

- Used for western blot assay by the Human Islet Research Network community.
Contact(s): [Decio Eizirik](#) - Human Islets Research Network <https://hirnetwork.org/>

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 622 mentions in open access literature.

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

Zhong X, et al. (2026) Exosite-mediated targeting of GSDMB by dimeric granzyme A in lymphocyte pyroptotic killing. *Immunity*, 59(2), 257.

Alhourani F, et al. (2026) Targeting SUV4-20H Epigenetic Enzymes Enhances Topoisomerase II Poisoning in Prostate Cancer. *Cancer research*, 86(1), 236.

Yamoah EN, et al. (2026) Dicer Deletion in the Ear Can Cut Most Neurons and Their Innervation of Hair Cells to Project to the Ear and the Brainstem. *International journal of molecular sciences*, 27(1).

Zhou Z, et al. (2026) SUDS3 nuclear condensates decelerate DNA replication and safeguard genome stability. *Cell reports*, 45(7), 117713.

Hosogane M, et al. (2026) Variant-specific interaction of kinectin 1 with the multi-tRNA synthetase complex regulates ER sheet organization. *iScience*, 29(1), 114303.

de Cubas L, et al. (2026) Dose-dependent mitochondrial H2O2 signaling drives toxicity or stress adaptation and longevity in fission yeast. *Cell reports*, 45(4), 117277.

Moreno-Corona N, et al. (2026) Ribosomal RNA processing impairments in a B cell immunodeficient patient with WDR75 variants. *Journal of human immunity*, 2(4), e20250061.

Xu S, et al. (2026) Clathrin-independent endocytosis and retrograde transport in cancer cells tune immune synapse organization and CD8 T cell response. *eLife*, 14.

Xirouchaki CE, et al. (2026) A decline in skeletal muscle NOX4 abrogates exercise-induced adaptive homeostasis and exacerbates biological aging. *Science advances*, 12(24), eadz1953.

Wutz G, et al. (2026) PDS5 proteins control genome architecture by limiting the lifetime of cohesin-NIPBL complexes. *Molecular cell*, 86(9), 1614.

Cook AK, et al. (2026) Human TDP-43 expression worsens FTD-related phenotypes in progranulin-insufficient mice. *Neurobiology of disease*, 227, 107475.

Yu S, et al. (2026) A CLOCK-targeting lncRNA induces trained immunity against tuberculosis. *Cell host & microbe*, 34(1), 68.

Susa T, et al. (2026) Androgen Signaling Represses Homeobox C9, an Inhibitor of Androgen Receptor, in Prostate Cancer Cells. *International journal of molecular sciences*, 27(4).

Saito R, et al. (2026) Decoding the molecular logic of rapidly evolving ZAD zinc finger proteins in *Drosophila*. *Science advances*, 12(9), eady7568.

Song YJ, et al. (2026) LncRNA-splicing factor condensates regulate hypoxia-responsive pre-mRNA processing near nuclear speckles. *Molecular cell*, 86(6), 1061.

Stamatiou K, et al. (2026) Multi-omic analyses reveal a differential contribution of chromatin-associated PP1 holoenzymes to mitotic exit and G1 re-establishment. *Developmental cell*, 61(5), 1127.

Apostol CV, et al. (2026) hnRNPUL1 has a dead polynucleotide kinase domain that regulates RNA and protein interactions. *iScience*, 29(4), 115360.

Nathan WJ, et al. (2026) DNA repair drives cisplatin-induced neuronal death. *Cell*, 189(13), 4005.

Mun SH, et al. (2026) Protocol for detecting cytosol-retained proopiomelanocortin by fractionation and co-immunoprecipitation assay. *STAR protocols*, 7(3), 104662.

Mennerich D, et al. (2026) Protocol for integrated ubiquitination analysis of in vitro E3 ligase-DUB regulation and in vivo ubiquitin chain linkage characterization. *STAR protocols*, 7(3), 104682.