

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDI Lab - SciCrunch.org) on Apr 12, 2025

## Monoclonal Anti-alpha-Tubulin antibody produced in mouse

RRID:AB\_477583

Type: Antibody

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### Proper Citation

(Sigma-Aldrich Cat# T6199, RRID:AB\_477583)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_477583](http://antibodyregistry.org/AB_477583)

**Proper Citation:** (Sigma-Aldrich Cat# T6199, RRID:AB\_477583)

**Target Antigen:** alpha-Tubulin

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Applications: Immunocytochemistry, Immunoprecipitation, Immunohistochemistry, Western Blot

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

**Description:** This monoclonal targets alpha-Tubulin

**Target Organism:** chicken, rat, amphibian, yeast, mouse, fungi, bovine, human

**Clone ID:** clone DM1A

**Antibody ID:** AB\_477583

**Vendor:** Sigma-Aldrich

**Catalog Number:** T6199

**Record Creation Time:** 20231110T080856+0000

**Record Last Update:** 20241114T230520+0000

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## 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.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 350 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Al Kabbani MA, et al. (2025) Effects of P301L-TAU on post-translational modifications of microtubules in human iPSC-derived cortical neurons and TAU transgenic mice. *Neural regeneration research*, 20(8), 2348.

Abreo TJ, et al. (2025) Plural molecular and cellular mechanisms of pore domain KCNQ2 encephalopathy. *eLife*, 13.

van de Kooij B, et al. (2024) EXO1 protects BRCA1-deficient cells against toxic DNA lesions. *Molecular cell*, 84(4), 659.

Zhao DY, et al. (2024) Autophagy preferentially degrades non-fibrillar polyQ aggregates. *Molecular cell*, 84(10), 1980.

Farrell KC, et al. (2024) Spindle assembly checkpoint-dependent mitotic delay is required for cell division in absence of centrosomes. *eLife*, 12.

Galindo LJ, et al. (2024) Evolutionarily diverse fungal zoospores show contrasting swimming patterns specific to ultrastructure. *Current biology : CB*, 34(19), 4567.

Lee HHY, et al. (2024) Inhibition of Aberrantly Overexpressed Polo-like Kinase 4 Is a Potential Effective Treatment for DNA Damage Repair-Deficient Uterine Leiomyosarcoma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(17), 3904.

Miyake T, et al. (2024) Size-reduced DREADD derivatives for AAV-assisted multimodal chemogenetic control of neuronal activity and behavior. *Cell reports methods*, 4(10), 100881.

Wang T, et al. (2024) Dual roles of CCDC102A in governing centrosome duplication and cohesion. *Cell reports*, 43(2), 113696.

Zhou Z, et al. (2024) Type 2 cytokine signaling in macrophages protects from cellular senescence and organismal aging. *Immunity*, 57(3), 513.

Wang T, et al. (2024) Securin acetylation prevents precocious separase activation and premature sister chromatid separation. *Current biology : CB*, 34(6), 1295.

Pianka ST, et al. (2024) D-2-HG Inhibits IDH1mut Glioma Growth via FTO Inhibition and Resultant m6A Hypermethylation. *Cancer research communications*, 4(3), 876.

Luckett T, et al. (2024) Mesothelin Secretion by Pancreatic Cancer Cells Co-opts Macrophages and Promotes Metastasis. *Cancer research*, 84(4), 527.

Ferreira IL, et al. (2024) Linking activation of synaptic NMDA receptors-induced CREB signaling to brief exposure of cortical neurons to oligomeric amyloid-beta peptide. *Journal of neurochemistry*.

Abe T, et al. (2024) Lysosomal stress drives the release of pathogenic  $\alpha$ -synuclein from macrophage lineage cells via the LRRK2-Rab10 pathway. *iScience*, 27(2), 108893.

Polyzou A, et al. (2024) Cell type-specific and subcellular expression of phospholipid phosphatase-related proteins to modulate lyso-phosphatidic acid synaptic signaling in the developing and adult CNS. *Journal of neurochemistry*, 168(9), 3050.

Seo D, et al. (2024) Poxvirus A51R proteins regulate microtubule stability and antagonize a cell-intrinsic antiviral response. *Cell reports*, 43(3), 113882.

Gobrecht P, et al. (2024) Targeting Vasohibins to Promote Axon Regeneration. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(14).

Hildebrand EM, et al. (2024) Mitotic chromosomes are self-entangled and disentangle through a topoisomerase-II-dependent two-stage exit from mitosis. *Molecular cell*.

Alsina FC, et al. (2024) The RNA-binding protein EIF4A3 promotes axon development by direct control of the cytoskeleton. *Cell reports*, 43(9), 114666.