

Resource Summary Report

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

RRID:AB_476967

Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# F2168, RRID:AB_476967)

Antibody Information

URL: http://antibodyregistry.org/AB_476967

Proper Citation: (Sigma-Aldrich Cat# F2168, RRID:AB_476967)

Target Antigen: alpha-Tubulin-FITC antibody produced in mouse

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: IgG1 Immunofluorescence; direct immunofluorescence: 1:50 using cultured BHK cells

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

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

Target Organism: chicken, rat, xenopusamphibian, amphibian, yeast, yeastfungi, mouse, chickenbird, fungi, bovine, human

Antibody ID: AB_476967

Vendor: Sigma-Aldrich

Catalog Number: F2168

Record Creation Time: 20241016T235244+0000

Record Last Update: 20241017T012259+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 46 mentions in open access literature.

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

Naso FD, et al. (2024) AurkA/TPX2 co-overexpression in nontransformed cells promotes genome instability through induction of chromosome mis-segregation and attenuation of the p53 signalling pathway. *Biochimica et biophysica acta. Molecular basis of disease*, 1870(4), 167116.

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

Chen L, et al. (2023) Septin 9 controls CCNB1 stabilization via APC/CCDC20 during meiotic metaphase I/anaphase I transition in mouse oocytes. *Cell proliferation*, 56(2), e13359.

Ganguli S, et al. (2023) Oncogenic Ras deregulates cell-substrate interactions during mitotic rounding and respreading to alter cell division orientation. *Current biology : CB*, 33(13), 2728.

Monteiro P, et al. (2023) Centrosome amplification fine tunes tubulin acetylation to differentially control intracellular organization. *The EMBO journal*, 42(16), e112812.

Pahl A, et al. (2023) Morphological subprofile analysis for bioactivity annotation of small molecules. *Cell chemical biology*, 30(7), 839.

Zhang W, et al. (2023) NLRP14 deficiency causes female infertility with oocyte maturation defects and early embryonic arrest by impairing cytoplasmic UHRF1 abundance. *Cell reports*, 42(12), 113531.

Heigwer F, et al. (2023) A global genetic interaction network by single-cell imaging and machine learning. *Cell systems*, 14(5), 346.

Gargaro M, et al. (2022) Indoleamine 2,3-dioxygenase 1 activation in mature cDC1 promotes tolerogenic education of inflammatory cDC2 via metabolic communication. *Immunity*, 55(6),

1032.

Funk L, et al. (2022) The phenotypic landscape of essential human genes. *Cell*, 185(24), 4634.

Hotta T, et al. (2022) EML2-S constitutes a new class of proteins that recognizes and regulates the dynamics of tyrosinated microtubules. *Current biology : CB*, 32(18), 3898.

Akbarzadeh M, et al. (2022) Morphological profiling by means of the Cell Painting assay enables identification of tubulin-targeting compounds. *Cell chemical biology*, 29(6), 1053.

Ketschek A, et al. (2022) SARM1 Suppresses Axon Branching Through Attenuation of Axonal Cytoskeletal Dynamics. *Frontiers in molecular neuroscience*, 15, 726962.

Chen L, et al. (2022) Septin 4 controls CCNB1 stabilization via APC/CCDC20 during meiotic G2/M transition in mouse oocytes. *Journal of cellular physiology*, 237(1), 730.

Doerflinger H, et al. (2022) The *Drosophila* anterior-posterior axis is polarized by asymmetric myosin activation. *Current biology : CB*, 32(2), 374.

Hachimi M, et al. (2021) Smoothelin-like 2 Inhibits Coronin-1B to Stabilize the Apical Actin Cortex during Epithelial Morphogenesis. *Current biology : CB*, 31(4), 696.

Liu R, et al. (2021) YTHDC2 is essential for pachytene progression and prevents aberrant microtubule-driven telomere clustering in male meiosis. *Cell reports*, 37(11), 110110.

Hotta T, et al. (2021) Parthenolide Destabilizes Microtubules by Covalently Modifying Tubulin. *Current biology : CB*, 31(4), 900.

Guardia C, et al. (2021) Preclinical and Clinical Characterization of Fibroblast-derived Neuregulin-1 on Trastuzumab and Pertuzumab Activity in HER2-positive Breast Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 27(18), 5096.

Liu C, et al. (2021) Paternal USP26 mutations raise Klinefelter syndrome risk in the offspring of mice and humans. *The EMBO journal*, 40(13), e106864.