

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 1, 2025

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

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: IgG1 Other; Western Blot; Immunocytochemistry; Immunoprecipitation; immunocytochemistry: 0.5-1 mug/mL using cultured chicken fibroblasts (CFB) microarray: suitable, immunoprecipitation: suitable, immunoblotting: 0.25-0.5 mug/mL using total cell extract of human foreskin fibroblast cell line (FS11)

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, chickenbird, bovine, human

Antibody ID: AB_477582

Vendor: Sigma-Aldrich

Catalog Number: T6074

Record Creation Time: 20241017T004841+0000

Record Last Update: 20241017T024340+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 212 mentions in open access literature.

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

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

Matveeva A, et al. (2024) Integrated analysis of transcriptomic and proteomic alterations in mouse models of ALS/FTD identify early metabolic adaptations with similarities to mitochondrial dysfunction disorders. *Amyotrophic lateral sclerosis & frontotemporal degeneration*, 25(1-2), 135.

Janicot R, et al. (2024) Direct interrogation of context-dependent GPCR activity with a universal biosensor platform. *Cell*, 187(6), 1527.

Lee JH, et al. (2024) TGF- β and RAS jointly unmask primed enhancers to drive metastasis. *Cell*, 187(22), 6182.

Mihalas BP, et al. (2024) Age-dependent loss of cohesion protection in human oocytes. *Current biology : CB*, 34(1), 117.

Ding X, et al. (2024) Age-dependent regulation of axoglial interactions and behavior by oligodendrocyte AnkyrinG. *bioRxiv : the preprint server for biology*.

Imomnazarov K, et al. (2024) Biochemical Fractionation of Human α -Synuclein in a *Drosophila* Model of Synucleinopathies. *International journal of molecular sciences*, 25(7).

Rona G, et al. (2024) CDK-independent role of D-type cyclins in regulating DNA mismatch repair. *Molecular cell*.

Imomnazarov K, et al. (2024) Biochemical fractionation of human α -Synuclein in a *Drosophila* model of synucleinopathies. *bioRxiv : the preprint server for biology*.

Kopsidas CA, et al. (2024) Sustained generation of neurons destined for neocortex with oxidative metabolic upregulation upon filamin abrogation. *iScience*, 27(7), 110199.

Crump LS, et al. (2024) Targeting Tryptophan Catabolism in Ovarian Cancer to Attenuate Macrophage Infiltration and PD-L1 Expression. *Cancer research communications*, 4(3), 822.

Zhang J, et al. (2024) Localized release of muscle-generated BDNF regulates the initial formation of postsynaptic apparatus at neuromuscular synapses. *Cell death and differentiation*.

Imai T, et al. (2024) The RIPK1 death domain restrains ZBP1- and TRIF-mediated cell death and inflammation. *Immunity*, 57(7), 1497.

Lopes-Paciencia S, et al. (2024) A senescence restriction point acting on chromatin integrates oncogenic signals. *Cell reports*, 43(4), 114044.

Li JD, et al. (2024) Efficient, specific, and combinatorial control of endogenous exon splicing with dCasRx-RBM25. *Molecular cell*, 84(13), 2573.

Felipe R, et al. (2024) Role of palmitoylation on the neuronal glycine transporter GlyT2. *Journal of neurochemistry*, 168(9), 2056.

Vasilevska J, et al. (2024) Monitoring melanoma patients on treatment reveals a distinct macrophage population driving targeted therapy resistance. *Cell reports. Medicine*, 5(7), 101611.

Hill BR, et al. (2024) Loss of POLE3-POLE4 unleashes replicative gap accumulation upon treatment with PARP inhibitors. *Cell reports*, 43(5), 114205.

Ainslie AP, et al. (2024) Glioblastoma and its treatment are associated with extensive accelerated brain aging. *Aging cell*, 23(3), e14066.

Ding X, et al. (2024) Age-dependent regulation of axoglial interactions and behavior by oligodendrocyte AnkyrinG. *Nature communications*, 15(1), 10865.