Resource Summary Report

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

Mouse Anti-gamma-Tubulin Monoclonal Antibody, Unconjugated, Clone GTU-88

RRID:AB_532292
Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# T5326, RRID:AB_532292)

Antibody Information

URL: http://antibodyregistry.org/AB_532292

Proper Citation: (Sigma-Aldrich Cat# T5326, RRID:AB_532292)

Target Antigen: Tubulin, gamma

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: Western Blot; Western Blot
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Mouse Anti-gamma-Tubulin Monoclonal Antibody, Unconjugated, Clone GTU-88

Description: This monoclonal targets Tubulin, gamma

Target Organism: chicken, chickenavian, rat, hamster, xenopus, canine, mouse, bovine, human

Clone ID: Clone GTU-88

Antibody ID: AB_532292

Vendor: Sigma-Aldrich

Catalog Number: T5326

Record Creation Time: 20241016T223543+0000

Record Last Update: 20241016T231116+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Mouse Anti-gamma-Tubulin Monoclonal Antibody, Unconjugated, Clone GTU-88.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 70 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Ridwan SM, et al. (2024) Diffusible fraction of niche BMP ligand safeguards stem-cell differentiation. Nature communications, 15(1), 1166.

Ottensmeyer J, et al. (2024) Force-induced dephosphorylation activates the cochaperone BAG3 to coordinate protein homeostasis and membrane traffic. Current biology : CB, 34(18), 4170.

Pimenta-Marques A, et al. (2024) Ana1/CEP295 is an essential player in the centrosome maintenance program regulated by Polo kinase and the PCM. EMBO reports, 25(1), 102.

Meadows SM, et al. (2024) Hippocampal astrocytes induce sex-dimorphic effects on memory. Cell reports, 43(6), 114278.

Connell M, et al. (2024) Kin17 regulates proper cortical localization of Miranda in Drosophila neuroblasts by regulating Flfl expression. Cell reports, 43(3), 113823.

Vind AC, et al. (2024) The ribotoxic stress response drives acute inflammation, cell death, and epidermal thickening in UV-irradiated skin in vivo. Molecular cell, 84(24), 4774.

Anagho HA, et al. (2024) ADP-ribosylome analysis reveals homogeneous DNA-damage-induced serine ADP-ribosylation across wild-type and BRCA-mutant breast cancer cell lines. Cell reports, 43(7), 114433.

Manzanero-Ortiz S, et al. (2024) Drosophila p53 tumor suppressor directly activates conserved asymmetric stem cell division regulators. iScience, 27(11), 111118.

Ganga AK, et al. (2024) A disease-associated PPP2R3C-MAP3K1 phospho-regulatory module controls centrosome function. bioRxiv : the preprint server for biology.

Rosito M, et al. (2023) Microglia reactivity entails microtubule remodeling from acentrosomal to centrosomal arrays. Cell reports, 42(2), 112104.

Fahrner A, et al. (2023) Activation of PDGF signaling in the adult muscle stem cell niche in patients with type 2 diabetes mellitus. The Journal of clinical endocrinology and metabolism.

Hou Y, et al. (2023) Drosophila transition fibers are essential for IFT-dependent ciliary elongation but not basal body docking and ciliary budding. Current biology : CB, 33(4), 727.

Licht-Murava A, et al. (2023) Astrocytic TDP-43 dysregulation impairs memory by modulating antiviral pathways and interferon-inducible chemokines. Science advances, 9(16), eade1282.

Efthymiou V, et al. (2023) Inhibition of AXL receptor tyrosine kinase enhances brown adipose tissue functionality in mice. Nature communications, 14(1), 4162.

Gujar MR, et al. (2023) Golgi-dependent reactivation and regeneration of Drosophila quiescent neural stem cells. Developmental cell, 58(19), 1933.

Amin S, et al. (2023) Glyoxal-based fixation of Drosophila embryos for immunofluorescence staining and RNA in situ hybridization. STAR protocols, 4(3), 102385.

Huang Y, et al. (2023) Coordination of tissue homeostasis and growth by the Scribble-?-Catenin-Septate junction complex. iScience, 26(4), 106490.

Wang S, et al. (2022) Loss-of-function variants in the schizophrenia risk gene SETD1A alter neuronal network activity in human neurons through the cAMP/PKA pathway. Cell reports, 39(5), 110790.

Lappin KM, et al. (2022) Cancer-Associated SF3B1 Mutations Confer a BRCA-Like Cellular Phenotype and Synthetic Lethality to PARP Inhibitors. Cancer research, 82(5), 819.

Metzger K, et al. (2022) Processing and Subcellular Localization of the Hepatitis E Virus Replicase: Identification of Candidate Viral Factories. Frontiers in microbiology, 13, 828636.