

Resource Summary Report

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Rat Anti-Tubulin Monoclonal Antibody, Unconjugated, Clone YOL1 / 34

RRID:AB_305329

Type: Antibody

Proper Citation

(Abcam Cat# ab6161, RRID:AB_305329)

Antibody Information

URL: http://antibodyregistry.org/AB_305329

Proper Citation: (Abcam Cat# ab6161, RRID:AB_305329)

Target Antigen: Tubulin

Host Organism: rat

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA; Immunofluorescence; Immunohistochemistry; Radioimmunoassay; Western Blot; ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-FoFr, Radioimmunoassay, Western Blot

Antibody Name: Rat Anti-Tubulin Monoclonal Antibody, Unconjugated, Clone YOL1 / 34

Description: This monoclonal targets Tubulin

Target Organism: all

Clone ID: Clone YOL1/34

Antibody ID: AB_305329

Vendor: Abcam

Catalog Number: ab6161

Record Creation Time: 20231110T045007+0000

Record Last Update: 20241115T045321+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-Tubulin Monoclonal Antibody, Unconjugated, Clone YOL1 / 34.

No alerts have been found for Rat Anti-Tubulin Monoclonal Antibody, Unconjugated, Clone YOL1 / 34.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Heiser RA, et al. (2024) Brentuximab Vedotin-Driven Microtubule Disruption Results in Endoplasmic Reticulum Stress Leading to Immunogenic Cell Death and Antitumor Immunity. *Molecular cancer therapeutics*, 23(1), 68.

Cararo-Lopes MM, et al. (2024) Overexpression of ?-Klotho isoforms promotes distinct Effects on BDNF-Induced Alterations in Dendritic Morphology. *Molecular neurobiology*, 61(11), 9155.

Backe SJ, et al. (2023) Activation of autophagy depends on Atg1/Ulk1-mediated phosphorylation and inhibition of the Hsp90 chaperone machinery. *Cell reports*, 42(7), 112807.

Erra Diaz F, et al. (2023) Concomitant inhibition of PPAR? and mTORC1 induces the differentiation of human monocytes into highly immunogenic dendritic cells. *Cell reports*, 42(3), 112156.

Flint AC, et al. (2023) Combined CDK4/6 and ERK1/2 Inhibition Enhances Antitumor Activity in NF1-Associated Plexiform Neurofibroma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 29(17), 3438.

Velle KB, et al. (2022) Naegleria's mitotic spindles are built from unique tubulins and highlight core spindle features. *Current biology : CB*, 32(6), 1247.

Kann AP, et al. (2022) An injury-responsive Rac-to-Rho GTPase switch drives activation of

muscle stem cells through rapid cytoskeletal remodeling. *Cell stem cell*, 29(6), 933.

Qin S, et al. (2022) Early-life vitamin B12 orchestrates lipid peroxidation to ensure reproductive success via SBP-1/SREBP1 in *Caenorhabditis elegans*. *Cell reports*, 40(12), 111381.

Zhou X, et al. (2021) Cross-compartment signal propagation in the mitotic exit network. *eLife*, 10.

Haward F, et al. (2021) Nucleo-cytoplasmic shuttling of splicing factor SRSF1 is required for development and cilia function. *eLife*, 10.

Brunet T, et al. (2021) A flagellate-to-amoeboid switch in the closest living relatives of animals. *eLife*, 10.

Defourny J, et al. (2021) Tricellular adherens junctions provide a cell surface delivery platform for connexin 26/30 oligomers in the cochlea. *Hearing research*, 400, 108137.

Imai Y, et al. (2020) PRDM9 activity depends on HELLS and promotes local 5-hydroxymethylcytosine enrichment. *eLife*, 9.

Stein KC, et al. (2019) Nascent Polypeptide Domain Topology and Elongation Rate Direct the Cotranslational Hierarchy of Hsp70 and TRiC/CCT. *Molecular cell*, 75(6), 1117.

Fontana GA, et al. (2019) Rif1 S-acylation mediates DNA double-strand break repair at the inner nuclear membrane. *Nature communications*, 10(1), 2535.

Fokin Artem I, et al. (2019) Centrosome-derived microtubule radial array, PCM-1 protein, and primary cilia formation. *Protoplasma*, 256(5), 1361.

Hu J, et al. (2017) Nitric Oxide Regulates Protein Methylation during Stress Responses in Plants. *Molecular cell*, 67(4), 702.

de Los Santos-Velázquez AI, et al. (2017) Late rDNA Condensation Ensures Timely Cdc14 Release and Coordination of Mitotic Exit Signaling with Nucleolar Segregation. *Current biology : CB*, 27(21), 3248.