

Resource Summary Report

Generated by [RRID](#) on Sep 11, 2026

Rat Anti-Tubulin, alpha Monoclonal antibody, Unconjugated, Clone yl1/2

RRID:AB_793541

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-53029, RRID:AB_793541

Antibody Information

URL: http://antibodyregistry.org/AB_793541

Proper Citation: Santa Cruz Biotechnology Cat# sc-53029, RRID:AB_793541

Target Antigen: TUBA4A

Host Organism: rat

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Antibody Name: Rat Anti-Tubulin, alpha Monoclonal antibody, Unconjugated, Clone yl1/2

Description: This monoclonal targets TUBA4A

Target Organism: rat, mouse, human

Clone ID: YL1/2

Antibody ID: AB_793541

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-53029

Record Creation Time: 20231110T043250+0000

Record Last Update: 20260829T034729+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-Tubulin, alpha Monoclonal antibody, Unconjugated, Clone yl1/2.

No alerts have been found for Rat Anti-Tubulin, alpha Monoclonal antibody, Unconjugated, Clone yl1/2.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Bural S, et al. (2026) Countervailing effects of cyclin isoforms A and B during mitosis. bioRxiv : the preprint server for biology.

Omachi K, et al. (2026) Glomerular basement membrane structural integrity dictates trans-tissue deposition of laminin in the kidney. Cell reports, 45(3), 117006.

Ogawa M, et al. (2026) FGF21 suppresses hepatocellular carcinoma by driving competitive cell-cell interactions. Cell reports, 45(6), 117410.

Nagel R, et al. (2026) Arginine Deprivation of ASS1-Deficient Cancers Drives Mistranslation and Shared Neopeptide Production. Cancer research, 86(14), 3480.

Wannakul T, et al. (2025) Loss of fatty acid-binding protein 7 promotes B16F10 melanoma metastasis. Scientific reports, 15(1), 10495.

Champagne J, et al. (2025) Adoptive T cell therapy targeting an inducible and broadly shared product of aberrant mRNA translation. Immunity, 58(1), 247.

Huang Y, et al. (2024) ARL3 GTPases facilitate ODA16 unloading from IFT in motile cilia. Science advances, 10(36), eadq2950.

Yang C, et al. (2024) Arginine deprivation enriches lung cancer proteomes with cysteine by inducing arginine-to-cysteine substitutants. Molecular cell, 84(10), 1904.

Kuramoto K, et al. (2023) Exercise-activated hepatic autophagy via the FN1-?5?1 integrin pathway drives metabolic benefits of exercise. Cell metabolism, 35(4), 620.

Morishita K, et al. (2023) Sodium ion influx regulates liquidity of biomolecular condensates in hyperosmotic stress response. Cell reports, 42(4), 112315.

Fu G, et al. (2023) Integrated regulation of tubulin tyrosination and microtubule stability by human ?-tubulin isotypes. Cell reports, 42(6), 112653.

Zhang X, et al. (2023) Harnessing matrix stiffness to engineer a bone marrow niche for hematopoietic stem cell rejuvenation. *Cell stem cell*, 30(4), 378.

Shiraishi K, et al. (2023) Biophysical forces mediated by respiration maintain lung alveolar epithelial cell fate. *Cell*, 186(7), 1478.

Mertens S, et al. (2023) Drug-repurposing screen on patient-derived organoids identifies therapy-induced vulnerability in KRAS-mutant colon cancer. *Cell reports*, 42(4), 112324.

Ogawa M, et al. (2021) FGF21 Induced by the ASK1-p38 Pathway Promotes Mechanical Cell Competition by Attracting Cells. *Current biology : CB*, 31(5), 1048.

Champagne J, et al. (2021) Oncogene-dependent sloppiness in mRNA translation. *Molecular cell*, 81(22), 4709.

Imai S, et al. (2021) *Helicobacter pylori* CagA elicits BRCAness to induce genome instability that may underlie bacterial gastric carcinogenesis. *Cell host & microbe*, 29(6), 941.

Kuramoto K, et al. (2021) The autophagy protein Becn1 improves insulin sensitivity by promoting adiponectin secretion via exocyst binding. *Cell reports*, 35(8), 109184.

Oikonomidi I, et al. (2018) iTAP, a novel iRhom interactor, controls TNF secretion by policing the stability of iRhom/TACE. *eLife*, 7.

Zhang K, et al. (2017) Cryo-EM Reveals How Human Cytoplasmic Dynein Is Auto-inhibited and Activated. *Cell*, 169(7), 1303.