

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://FDILab.SciCrunch.org) on Apr 11, 2025

## alpha-Tubulin Antibody

RRID:AB\_2210548

Type: Antibody

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### Proper Citation

(Cell Signaling Technology Cat# 2144, RRID:AB\_2210548)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2210548](http://antibodyregistry.org/AB_2210548)

**Proper Citation:** (Cell Signaling Technology Cat# 2144, RRID:AB\_2210548)

**Target Antigen:** alpha-Tubulin

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** Applications: W, IHC-P, IF-IC, F. Consolidation on 9/2016: AB\_10699022.

**Antibody Name:** alpha-Tubulin Antibody

**Description:** This polyclonal targets alpha-Tubulin

**Target Organism:** Human, Rat, Bovine, Monkey, Mouse, D. melanogaster

**Antibody ID:** AB\_2210548

**Vendor:** Cell Signaling Technology

**Catalog Number:** 2144

**Alternative Catalog Numbers:** 2144S

**Record Creation Time:** 20231110T070141+0000

**Record Last Update:** 20241115T091037+0000

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### Ratings and Alerts

No rating or validation information has been found for alpha-Tubulin Antibody.

No alerts have been found for alpha-Tubulin Antibody.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 119 mentions in open access literature.

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

Arnone AA, et al. (2025) Endocrine-targeting therapies shift the breast microbiome to reduce estrogen receptor-? breast cancer risk. *Cell reports. Medicine*, 6(1), 101880.

Maxwell MB, et al. (2024) ARID1A suppresses R-loop-mediated STING-type I interferon pathway activation of anti-tumor immunity. *Cell*, 187(13), 3390.

Ruan W, et al. (2024) The BMAL1/HIF2A heterodimer modulates circadian variations of myocardial injury. *Research square*.

Vishy CE, et al. (2024) Genetics of cystogenesis in base-edited human organoids reveal therapeutic strategies for polycystic kidney disease. *Cell stem cell*, 31(4), 537.

Kelly G, et al. (2024) Suppressed basal mitophagy drives cellular aging phenotypes that can be reversed by a p62-targeting small molecule. *Developmental cell*, 59(15), 1924.

Krause M, et al. (2024) Vaccinia virus subverts xenophagy through phosphorylation and nuclear targeting of p62. *The Journal of cell biology*, 223(6).

Pan C, et al. (2024) Naringenin relieves paclitaxel-induced pain by suppressing calcitonin gene-related peptide signalling and enhances the anti-tumour action of paclitaxel. *British journal of pharmacology*, 181(17), 3136.

Rein HL, et al. (2024) Variants in the first methionine of RAD51C are homologous recombination proficient due to an alternative start site. *DNA repair*, 135, 103644.

Sundaram B, et al. (2024) NLRC5 senses NAD<sup>+</sup> depletion, forming a PANoptosome and driving PANoptosis and inflammation. *Cell*, 187(15), 4061.

Zhu R, et al. (2024) ACSS2 acts as a lactyl-CoA synthetase and couples KAT2A to function as a lactyltransferase for histone lactylation and tumor immune evasion. *Cell metabolism*.

Graham K, et al. (2024) Discovery of YAP1/TAZ pathway inhibitors through phenotypic screening with potent anti-tumor activity via blockade of Rho-GTPase signaling. *Cell*

chemical biology, 31(7), 1247.

Park PMC, et al. (2024) Polymerization of ZBTB transcription factors regulates chromatin occupancy. *Molecular cell*, 84(13), 2511.

Wang Q, et al. (2024) MIIP downregulation drives colorectal cancer progression through inducing peri-cancerous adipose tissue browning. *Cell & bioscience*, 14(1), 12.

Coleman JC, et al. (2024) The RNA binding proteins LARP4A and LARP4B promote sarcoma and carcinoma growth and metastasis. *iScience*, 27(4), 109288.

Adebayo AK, et al. (2024) Oxygen tension-dependent variability in the cancer cell kinome impacts signaling pathways and response to targeted therapies. *iScience*, 27(6), 110068.

Deng L, et al. (2024) Frizzled5 controls murine intestinal epithelial cell plasticity through organization of chromatin accessibility. *Developmental cell*.

Egusa G, et al. (2023) Selective activation of PPAR $\gamma$  maintains thermogenic capacity of beige adipocytes. *iScience*, 26(7), 107143.

Rakotomamonjy J, et al. (2023) PCDH12 loss results in premature neuronal differentiation and impeded migration in a cortical organoid model. *Cell reports*, 42(8), 112845.

Gaspar RS, et al. (2023) Physical exercise elicits UPRmt in the skeletal muscle: The role of c-Jun N-terminal kinase. *Molecular metabolism*, 78, 101816.

Ormsby TJR, et al. (2023) Glucocorticoids increase tissue cell protection against pore-forming toxins from pathogenic bacteria. *Communications biology*, 6(1), 186.