

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://FDILab.SciCrunch.org) on Apr 2, 2025

## Anti-alpha Tubulin antibody - Microtubule Marker

RRID:AB\_2210057

Type: Antibody

---

### Proper Citation

(Abcam Cat# ab18251, RRID:AB\_2210057)

---

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2210057](http://antibodyregistry.org/AB_2210057)

**Proper Citation:** (Abcam Cat# ab18251, RRID:AB\_2210057)

**Target Antigen:** alpha Tubulin

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** Applications: ICC/IF, Flow Cyt, WB

**Antibody Name:** Anti-alpha Tubulin antibody - Microtubule Marker

**Description:** This polyclonal targets alpha Tubulin

**Target Organism:** rat, mouse, human

**Antibody ID:** AB\_2210057

**Vendor:** Abcam

**Catalog Number:** ab18251

**Record Creation Time:** 20231110T081004+0000

**Record Last Update:** 20241115T034627+0000

---

### Ratings and Alerts

No rating or validation information has been found for Anti-alpha Tubulin antibody - Microtubule Marker.

No alerts have been found for Anti-alpha Tubulin antibody - Microtubule Marker.

---

## Data and Source Information

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

---

## Usage and Citation Metrics

We found 60 mentions in open access literature.

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

Giovannetti M, et al. (2024) SIN-3 transcriptional coregulator maintains mitochondrial homeostasis and polyamine flux. *iScience*, 27(5), 109789.

Thapa N, et al. (2024) A p85 isoform switch enhances PI3K activation on endosomes by a MAP4- and PI3P-dependent mechanism. *Cell reports*, 43(5), 114119.

Deng PY, et al. (2024) Circuit-based intervention corrects excessive dentate gyrus output in the fragile X mouse model. *eLife*, 12.

Flinois A, et al. (2024) Paracingulin recruits CAMSAP3 to tight junctions and regulates microtubule and polarized epithelial cell organization. *Journal of cell science*, 137(5).

Laporte MH, et al. (2024) Time-series reconstruction of the molecular architecture of human centriole assembly. *Cell*, 187(9), 2158.

Ma C, et al. (2023) Fidgetin interacting with microtubule end binding protein EB3 affects axonal regrowth in spinal cord injury. *Neural regeneration research*, 18(12), 2727.

Kuang H, et al. (2023) A homozygous variant in INTS11 links mitosis and neurogenesis defects to a severe neurodevelopmental disorder. *Cell reports*, 42(12), 113445.

Saleh J, et al. (2023) Length limitation of astral microtubules orients cell divisions in murine intestinal crypts. *Developmental cell*, 58(17), 1519.

Cornejo MA, et al. (2023) Simultaneous SGLT2 inhibition and caloric restriction improves insulin resistance and kidney function in OLETF rats. *Molecular and cellular endocrinology*, 560, 111811.

Dimou E, et al. (2023) Super-resolution imaging unveils the self-replication of tau aggregates upon seeding. *Cell reports*, 42(7), 112725.

Ho KH, et al. (2023) CAMSAP2 localizes to the Golgi in islet  $\beta$ -cells and facilitates Golgi-ER

trafficking. *iScience*, 26(2), 105938.

Liang C, et al. (2022) Carboxypeptidase E Independently Changes Microtubule Glutamylation, Dendritic Branching, and Neuronal Migration. *ASN neuro*, 14, 17590914211062765.

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.

Davies AK, et al. (2022) AP-4-mediated axonal transport controls endocannabinoid production in neurons. *Nature communications*, 13(1), 1058.

Xie W, et al. (2022) CYLD deubiquitinates plakoglobin to promote Cx43 membrane targeting and gap junction assembly in the heart. *Cell reports*, 41(13), 111864.

Sweet ES, et al. (2022) Cypin binds to tubulin heterodimers and microtubule protofilaments and regulates microtubule spacing in developing hippocampal neurons. *Molecular and cellular neurosciences*, 123, 103783.

Landskron L, et al. (2022) Posttranslational modification of microtubules by the MATCAP detyrosinase. *Science (New York, N.Y.)*, 376(6595), eabn6020.

DeGeer J, et al. (2022) Ral GTPases are critical regulators of spinal cord myelination and homeostasis. *Cell reports*, 40(13), 111413.

Rosenberg A, et al. (2021) *Toxoplasma gondii* secreted effectors co-opt host repressor complexes to inhibit necroptosis. *Cell host & microbe*, 29(7), 1186.

Wu H, et al. (2021) Reticulon-3 Promotes Endosome Maturation at ER Membrane Contact Sites. *Developmental cell*, 56(1), 52.