# Resource Summary Report

Generated by RRID on Sep 6, 2026

## RAT ANTI TUBULIN ALPHA

RRID:AB_325005
Type: Antibody

### Proper Citation

(Bio-Rad Cat# MCA78G, RRID:AB_325005)

### Antibody Information

**URL:** http://antibodyregistry.org/AB_325005

**Proper Citation:** (Bio-Rad Cat# MCA78G, RRID:AB_325005)

**Target Antigen:** RAT ANTI TUBULIN ALPHA

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** manufacturer recommendations: IgG2a; IgG2a Immunohistology - Frozen, ELISA, Western Blotting, Radioimmunoassays, Immunofluorescence; Immunofluorescence; Immunohistochemistry; ELISA; Immunohistochemistry - frozen; Western Blot; Radioimmunoassay

**Antibody Name:** RAT ANTI TUBULIN ALPHA

**Description:** This monoclonal targets RAT ANTI TUBULIN ALPHA

**Target Organism:** fungal, feline, rat, drosophilaarthropod, hamster, donkey, porcine, canine, goat, birds, yeast, yeastfungi, horse, mouse, chickenbird, drosophila, mammals, rabbit, bovine, human, sheep

**Antibody ID:** AB_325005

**Vendor:** Bio-Rad

**Catalog Number:** MCA78G

**Record Creation Time:** 20260218T232232+0000

**Record Last Update:** 20260828T171947+0000

### Ratings and Alerts

No rating or validation information has been found for RAT ANTI TUBULIN ALPHA.

No alerts have been found for RAT ANTI TUBULIN ALPHA.

## Data and Source Information

**Source:** Antibody Registry

## Usage and Citation Metrics

We found 29 mentions in open access literature.

**Listed below are recent publications.** The full list is available at RRID .


Yamazaki Y, et al. (2026) Large-scale identification of plasma membrane repair proteins revealed spatiotemporal cellular responses to plasma membrane damage. eLife, 14.

Koch LB, et al. (2026) Specialisation of meiotic kinetochores revealed through a synthetic spindle assembly checkpoint strategy. eLife, 15.

Paliwal S, et al. (2026) The dynamic pool of Rec8-cohesin is crucial for meiotic recombination and transcription regulation in the yeast Saccharomyces cerevisiae. The Journal of biological chemistry, 302(6), 113064.

Macaluso F, et al. (2025) Evolutionary adaptation to hyperstable microtubules selectively targets tubulins and is empowered by the spindle assembly checkpoint. Cell reports, 44(2), 115323.

Wettstein R, et al. (2024) Waves of regulated protein expression and phosphorylation rewire the proteome to drive gametogenesis in budding yeast. Developmental cell, 59(13), 1764.

Morse K, et al. (2024) Swi/Snf chromatin remodeling regulates transcriptional interference and gene repression. Molecular cell, 84(16), 3080.

Kuwayama N, et al. (2024) Analyses of translation factors Dbp1 and Ded1 reveal the cellular response to heat stress to be separable from stress granule formation. Cell reports, 43(12), 115059.

Hugener J, et al. (2024) FilamentID reveals the composition and function of metabolic enzyme polymers during gametogenesis. Cell, 187(13), 3303.

Dent LG, et al. (2024) Environmentally dependent and independent control of 3D cell shape. Cell reports, 43(5), 114016.

Martin HL, et al. (2023) Affimer-mediated locking of p21-activated kinase 5 in an intermediate activation state results in kinase inhibition. Cell reports, 42(10), 113184.

Choudhary R, et al. (2023) Sen1 and Rrm3 ensure permissive topological conditions for replication termination. Cell reports, 42(7), 112747.

Jentoft IMA, et al. (2023) Mammalian oocytes store proteins for the early embryo on cytoplasmic lattices. Cell, 186(24), 5308.

Powers EN, et al. (2022) Bidirectional promoter activity from expression cassettes can drive off-target repression of neighboring gene translation. eLife, 11.

Barton RE, et al. (2022) Eco1-dependent cohesin acetylation anchors chromatin loops and cohesion to define functional meiotic chromosome domains. eLife, 11.

Altmannova V, et al. (2022) The role of bivalent ions in the regulation of D-loop extension mediated by DMC1 during meiotic recombination. iScience, 25(11), 105439.

Cavazza T, et al. (2021) Parental genome unification is highly error-prone in mammalian embryos. Cell, 184(11), 2860.

Duan T, et al. (2021) Drosophila female germline stem cells undergo mitosis without nuclear breakdown. Current biology : CB, 31(7), 1450.

Ikeuchi M, et al. (2021) The tumor suppressor LATS2 reduces v-Src-induced membrane blebs in a kinase activity-independent manner. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 35(1), e21242.

Otto GM, et al. (2021) Programmed cortical ER collapse drives selective ER degradation and inheritance in yeast meiosis. The Journal of cell biology, 220(12).

Eisenberg AR, et al. (2020) Translation Initiation Site Profiling Reveals Widespread Synthesis of Non-AUG-Initiated Protein Isoforms in Yeast. Cell systems, 11(2), 145.