

Resource Summary Report

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Rat Anti-Yeast TUBULIN ALPHA Monoclonal antibody, Unconjugated, Clone YOL1/34

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: Yeast TUBULIN ALPHA

Host Organism: rat

Clonality: monoclonal

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

Antibody Name: Rat Anti-Yeast TUBULIN ALPHA Monoclonal antibody, Unconjugated, Clone YOL1/34

Description: This monoclonal targets Yeast TUBULIN ALPHA

Target Organism: other, feline, chickenavian, rat, hamster, simian, donkey, porcine, canine, goat, birds, yeast, horse, mouse, mammals, rabbit, bovine, human, sheep

Clone ID: Clone YOL1/34

Antibody ID: AB_325005

Vendor: Bio-Rad

Catalog Number: MCA78G

Record Creation Time: 20260218T231053+0000

Record Last Update: 20260828T170605+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-Yeast TUBULIN ALPHA Monoclonal antibody, Unconjugated, Clone YOL1/34.

No alerts have been found for Rat Anti-Yeast TUBULIN ALPHA Monoclonal antibody, Unconjugated, Clone YOL1/34.

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.