

# Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

## Anti-alpha-Tubulin Antibody, tyrosinated, clone YL1/2

RRID:AB\_2890657

Type: Antibody

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### Proper Citation

Sigma-Aldrich Cat# MAB1864-I, RRID:AB\_2890657

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2890657](http://antibodyregistry.org/AB_2890657)

**Proper Citation:** Sigma-Aldrich Cat# MAB1864-I, RRID:AB\_2890657

**Target Antigen:** alpha-Tubulin

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: WB, ICC, IHC, EM, ELISA, RIA

**Antibody Name:** Anti-alpha-Tubulin Antibody, tyrosinated, clone YL1/2

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

**Target Organism:** chicken, rat, porcine, yeast, mouse, bovine, human

**Clone ID:** YL1/2

**Antibody ID:** AB\_2890657

**Vendor:** Sigma-Aldrich

**Catalog Number:** MAB1864-I

**Record Creation Time:** 20231110T031613+0000

**Record Last Update:** 20260829T065333+0000

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### Ratings and Alerts

No rating or validation information has been found for Anti-alpha-Tubulin Antibody, tyrosinated, clone YL1/2.

No alerts have been found for Anti-alpha-Tubulin Antibody, tyrosinated, clone YL1/2.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Liew YT, et al. (2026) Loss and gain of motor protein function cause microtubule bundle damage in Drosophila axons. *Current biology* : CB, 36(3), 707.

Harper NS, et al. (2026) Targeting the integrated stress response or Ataxin-2 alleviates neurodegeneration in PolyGR models of C9orf72 associated frontotemporal dementia and amyotrophic lateral sclerosis. *Acta neuropathologica communications*, 14(1).

Al Kabbani MA, et al. (2025) Effects of P301L-TAU on post-translational modifications of microtubules in human iPSC-derived cortical neurons and TAU transgenic mice. *Neural regeneration research*, 20(8), 2348.

Pao YS, et al. (2025) KIF2C promotes paclitaxel resistance by depolymerizing polyglutamylated microtubules. *Developmental cell*, 60(15), 2097.

Eykelenboom JK, et al. (2025) Nuclear exclusion of condensin I in prophase coordinates mitotic chromosome reorganization to ensure complete sister chromatid resolution. *Current biology* : CB, 35(7), 1562.

Hussain S, et al. (2025) Microtubule networks in zebrafish hair cells facilitate presynapse transport and fusion during development. *eLife*, 13.

Xu L, et al. (2023) Deep learning enables stochastic optical reconstruction microscopy-like superresolution image reconstruction from conventional microscopy. *iScience*, 26(11), 108145.

Zamponi E, et al. (2022) The ER ladder is a unique morphological feature of developing mammalian axons. *Developmental cell*, 57(11), 1369.

Zheng R, et al. (2022) KIF2C regulates synaptic plasticity and cognition in mice through dynamic microtubule depolymerization. *eLife*, 11.

Abrams MJ, et al. (2021) A conserved strategy for inducing appendage regeneration in moon jellyfish, Drosophila, and mice. *eLife*, 10.