

# Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

## alpha Tubulin Antibody (DM1A) - BSA Free

RRID:AB\_521686

Type: Antibody

### Proper Citation

Novus Cat# NB100-690, RRID:AB\_521686

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_521686](http://antibodyregistry.org/AB_521686)

**Proper Citation:** Novus Cat# NB100-690, RRID:AB\_521686

**Target Antigen:** alpha Tubulin

**Host Organism:** Mouse

**Clonality:** monoclonal

**Comments:** Applications: Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunomicroscopy, Flow (Intracellular), CyTOF-ready

**Antibody Name:** alpha Tubulin Antibody (DM1A) - BSA Free

**Description:** This monoclonal targets alpha Tubulin

**Target Organism:** Human, Xenopus, Porcine, Yeast, Rat, Bovine, Drosophila, Monkey, Parasite, Rabbit, Avian, Canine, Fungi, Guinea Pig, Mouse, Primate, Chicken, Goat, Chinese Hamster, Hamster

**Clone ID:** DM1A

**Antibody ID:** AB\_521686

**Vendor:** Novus

**Catalog Number:** NB100-690

**Alternative Catalog Numbers:** NB100-690SS

**Record Creation Time:** 20250820T001914+0000

## Ratings and Alerts

No rating or validation information has been found for alpha Tubulin Antibody (DM1A) - BSA Free.

No alerts have been found for alpha Tubulin Antibody (DM1A) - BSA Free.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Lanz AJ, et al. (2025) HDAC6-dependent deacetylation of SAE2 enhances SUMO1 conjugation for mitotic integrity. The EMBO journal.

Hervé S, et al. (2025) Chromosome mis-segregation triggers cell cycle arrest through a mechanosensitive nuclear envelope checkpoint. Nature cell biology, 27(1), 73.

Rodriguez RA, et al. (2025) Expansion of secreted cystine knot proteins reveals virulence factors in the human fungal pathogen Histoplasma. Cell reports, 44(11), 116465.

Jiang J, et al. (2024) Substrate specificity and protein stability drive the divergence of plant-specific DNA methyltransferases. Science advances, 10(45), eadr2222.

Serebrenik YV, et al. (2024) Pooled endogenous protein tagging and recruitment for systematic profiling of protein function. Cell genomics, 4(10), 100651.

Matsuda S, et al. (2023) TGF- $\beta$  in the microenvironment induces a physiologically occurring immune-suppressive senescent state. Cell reports, 42(3), 112129.

Black HH, et al. (2023) UBQLN2 restrains the domesticated retrotransposon PEG10 to maintain neuronal health in ALS. eLife, 12.

Jiang X, et al. (2022) DYF-5/MAK-dependent phosphorylation promotes ciliary tubulin unloading. Proceedings of the National Academy of Sciences of the United States of America, 119(34), e2207134119.

Zaganjor E, et al. (2021) SIRT4 is an early regulator of branched-chain amino acid catabolism that promotes adipogenesis. Cell reports, 36(2), 109345.

Gartrell J, et al. (2021) SLFN11 is Widely Expressed in Pediatric Sarcoma and Induces Variable Sensitization to Replicative Stress Caused By DNA-Damaging Agents. Molecular cancer therapeutics, 20(11), 2151.

Lai JH, et al. (2021) Mitochondrial CMPK2 mediates immunomodulatory and antiviral activities through IFN-dependent and IFN-independent pathways. *iScience*, 24(6), 102498.

Liao GR, et al. (2021) The orf virus (ORFV) protein OV20.0 interacts with the microprocessor complex subunit DGCR8 to regulate miRNA biogenesis and ORFV infection. *FEBS letters*, 595(23), 2897.

Lee S, et al. (2019) Neurofilaments form flexible bundles during neuritogenesis in culture and in mature axons in situ. *Journal of neuroscience research*, 97(10), 1306.

Cuadrado A, et al. (2019) Specific Contributions of Cohesin-SA1 and Cohesin-SA2 to TADs and Polycomb Domains in Embryonic Stem Cells. *Cell reports*, 27(12), 3500.

Kandel MB, et al. (2018) N-glycosylation of the AMPA-type glutamate receptor regulates cell surface expression and tetramer formation affecting channel function. *Journal of neurochemistry*, 147(6), 730.

Surel C, et al. (2016) Remodeling of the Inner Hair Cell Microtubule Meshwork in a Mouse Model of Auditory Neuropathy AUNA1. *eNeuro*, 3(6).

Otsuka S, et al. (2016) Nuclear pore assembly proceeds by an inside-out extrusion of the nuclear envelope. *eLife*, 5.