

Resource Summary Report

Generated by [RRID](#) on Aug 13, 2026

[alpha Tubulin antibody \[DM1A\] - Loading Control](#)

RRID:AB_2241126

Type: Antibody

Proper Citation

Abcam Cat# ab7291, RRID:AB_2241126

Antibody Information

URL: http://antibodyregistry.org/AB_2241126

Proper Citation: Abcam Cat# ab7291, RRID:AB_2241126

Target Antigen: Tuba4a

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012:western blot, immunoprecipitation, immunohistochemistry, immunocytochemistry

Antibody Name: alpha Tubulin antibody [DM1A] - Loading Control

Description: This monoclonal targets Tuba4a

Target Organism: mouse, dog, human

Defining Citation: [PMID:18615534](#), [PMID:18241055](#)

Antibody ID: AB_2241126

Vendor: Abcam

Catalog Number: ab7291

Record Creation Time: 20250819T233915+0000

Record Last Update: 20250820T060017+0000

Ratings and Alerts

- Used for western blot assay by the Human Islet Research Network community. Contact(s): [Wei-Jun Qian](#), [Rohit Kulkarni](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for alpha Tubulin antibody [DM1A] - Loading Control.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 226 mentions in open access literature.

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

Eriksson J, et al. (2026) Single-Cell Lineage Tracing Uncovers Resistance Signatures and Sensitizing Strategies to FLT3 Inhibitors in Acute Myeloid Leukemia. *Cancer research*, 86(7), 1724.

Bai Y, et al. (2026) Epigenetic Regulation of Chromosomal Instability by EZH2 Methyltransferase. *Cancer discovery*, 16(1), 135.

Jovanovic VM, et al. (2026) Generation and characterization of induced pluripotent stem cell (iPSC) lines from patients affected with Tay-Sachs and Sandhoff disease. *Stem cell research*, 92, 103949.

Le T, et al. (2026) Cell shapes decode molecular phenotypes in image-based spatial proteomics. *Cell systems*, 17(6), 101589.

Rasmussen AB, et al. (2026) Influenza A virus polymerase co-opts distinct sets of host proteins for RNA transcription or replication. *Cell chemical biology*, 33(3), 338.

Yi H, et al. (2026) EcDNA-borne structural variants drive oncogenic fusion transcript amplification. *Cell*.

Jiang X, et al. (2026) Inflammation drives TGF β 1 activation via the α v β 6 integrin-mechanotransduction pathway in human skin. *iScience*, 29(3), 115052.

Ström K, et al. (2026) RAB3GAP2 is a regulator of skeletal muscle endothelial cell proliferation and associated with capillary-to-fiber ratio. *Cell reports*, 45(2), 116961.

Chen Y, et al. (2026) ER-tethering directs TREX1 penetration of a BAF-dependent barrier at micronuclei. *Molecular cell*, 86(6), 1099.

Chen Y, et al. (2026) The translation landscape of ovarian clear cell carcinoma indicates that RBM4 plays a pro-oncogenic role in tumor progression. *Oncogene*, 45(27), 2714.

Safari M, et al. (2026) Combined HDAC and eIF4A inhibition: A novel epigenetic therapy for pancreatic ductal adenocarcinoma. *Drug resistance updates : reviews and commentaries in antimicrobial and anticancer chemotherapy*, 84, 101312.

Tang Y, et al. (2026) Targeting microbiota-generated acetaldehyde to prevent progression of metabolic dysfunction-associated steatotic liver disease. *Cell metabolism*, 38(6), 1172.

Kim W, et al. (2026) Phospho-JNK agonists show promising effects for the treatment of hepatocellular carcinoma. *iScience*, 29(6), 116005.

Domínguez-Romero ME, et al. (2026) Spinal cord injury induces mitochondrial dysfunction and metabolic reprogramming in non-regenerative *Xenopus laevis*. *iScience*, 29(7), 116636.

Sethi SC, et al. (2025) Chromatin remodeling activity of EP400 safeguards chromosomal stability by preventing CENP-A mislocalization. *Cell reports*, 44(11), 116423.

Liang X, et al. (2025) Limited activation interdependence and differing patterns of the in vivo effects of IKK1 and IKK2 downstream of NIK. *Cell reports*, 44(10), 116404.

Wolf G, et al. (2025) The efflux pump ABCC1/MRP1 constitutively restricts PROTAC sensitivity in cancer cells. *Cell chemical biology*, 32(2), 291.

Zan GY, et al. (2025) Astrocyte-mediated central amygdala microcircuit gates comorbid anxiety symptoms in chronic pain. *Neuron*, 113(23), 4037.

Ndiaye MA, et al. (2025) PLK4 is a potential therapeutic target in nonmelanoma skin cancers: Evidence from molecular and in vivo studies. *Photochemistry and photobiology*.

Krishna CK, et al. (2025) High-confidence glycosomal membrane protein inventory unveils trypanosomal peroxin PEX15. *Cell reports*, 44(5), 115614.