

# Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

## Mouse Anti-beta-Tubulin Monoclonal Antibody, Unconjugated, Clone D66

RRID:AB\_477556

Type: Antibody

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### Proper Citation

Sigma-Aldrich Cat# T0198, RRID:AB\_477556

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_477556](http://antibodyregistry.org/AB_477556)

**Proper Citation:** Sigma-Aldrich Cat# T0198, RRID:AB\_477556

**Target Antigen:** Tubulin, beta

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Vendor recommendations: ELISA; Functional Assay; Immunocytochemistry; Immunoprecipitation; Western Blot; Indirect ELISA, Immunocytochemistry, Immunoprecipitation, Western Blot, Functional assay

**Antibody Name:** Mouse Anti-beta-Tubulin Monoclonal Antibody, Unconjugated, Clone D66

**Description:** This monoclonal targets Tubulin, beta

**Target Organism:** other, chicken, monkey, chickenavian, rat, hamster, simian, canine, mouse, rabbit, bovine, human

**Clone ID:** Clone D66

**Antibody ID:** AB\_477556

**Vendor:** Sigma-Aldrich

**Catalog Number:** T0198

**Record Creation Time:** 20250820T052822+0000

**Record Last Update:** 20250820T213853+0000

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## Ratings and Alerts

No rating or validation information has been found for Mouse Anti-beta-Tubulin Monoclonal Antibody, Unconjugated, Clone D66.

No alerts have been found for Mouse Anti-beta-Tubulin Monoclonal Antibody, Unconjugated, Clone D66.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Cen HH, et al. (2026) Insulin receptor trafficking and interactions in muscle cells. Journal of the Endocrine Society, 10(4), bvag020.

Özel C, et al. (2026) Mitochondrial integrity modulates mTOR signaling and podocyte function. iScience, 29(1), 114279.

Petrovic D, et al. (2025) Ergothioneine improves healthspan of aged animals by enhancing cGPDH activity through CSE-dependent persulfidation. Cell metabolism, 37(2), 542.

Asano S, et al. (2025) Dimerisation of the VIP receptor VIPR2 is essential to its binding VIP and G*q*i proteins, and to its functions in breast cancer cells. British journal of pharmacology, 182(15), 3612.

Cheng A, et al. (2024) Pharmacological inhibition of FABP7 by MF 6 counteracts cerebellum dysfunction in an experimental multiple system atrophy mouse model. Acta pharmacologica Sinica, 45(1), 66.

Barisic D, et al. (2024) ARID1A orchestrates SWI/SNF-mediated sequential binding of transcription factors with ARID1A loss driving pre-memory B cell fate and lymphomagenesis. Cancer cell.

Sen D, et al. (2023) Metabolic regulation of CTCF expression and chromatin association dictates starvation response in mice and flies. iScience, 26(7), 107128.

Espinosa-Velasco M, et al. (2022) Behavioural and neurochemical effects after repeated administration of N-ethylpentylone (ephylone) in mice. Journal of neurochemistry, 160(2), 218.

Job V, et al. (2022) Genomic erosion and horizontal gene transfer shape functional differences of the ExlA toxin in Pseudomonas spp. iScience, 25(7), 104596.

Song J, et al. (2022) The ubiquitin-ligase TRAF6 and TGF $\beta$  type I receptor form a complex with Aurora kinase B contributing to mitotic progression and cytokinesis in cancer cells. *EBioMedicine*, 82, 104155.

Cheng A, et al. (2021) A novel fatty acid-binding protein 5 and 7 inhibitor ameliorates oligodendrocyte injury in multiple sclerosis mouse models. *EBioMedicine*, 72, 103582.

Morales PE, et al. (2021) Skeletal muscle type-specific mitochondrial adaptation to high-fat diet relies on differential autophagy modulation. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 35(10), e21933.

Rajagopal S, et al. (2021) Regulation of post-ischemic inflammatory response: A novel function of the neuronal tyrosine phosphatase STEP. *Brain, behavior, and immunity*, 93, 141.

Pereyra AS, et al. (2020) Loss of Muscle Carnitine Palmitoyltransferase 2 Prevents Diet-Induced Obesity and Insulin Resistance despite Long-Chain Acylcarnitine Accumulation. *Cell reports*, 33(6), 108374.

Yang B, et al. (2020) Cystatin C improves blood-brain barrier integrity after ischemic brain injury in mice. *Journal of neurochemistry*, 153(3), 413.

Saha A, et al. (2018) Class I histone deacetylases in retinal progenitors and differentiating ganglion cells. *Gene expression patterns : GEP*, 30, 37.

Platnich JM, et al. (2018) Shiga Toxin/Lipopolysaccharide Activates Caspase-4 and Gasdermin D to Trigger Mitochondrial Reactive Oxygen Species Upstream of the NLRP3 Inflammasome. *Cell reports*, 25(6), 1525.

Sharif AS, et al. (2018) C8ORF37 Is Required for Photoreceptor Outer Segment Disc Morphogenesis by Maintaining Outer Segment Membrane Protein Homeostasis. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(13), 3160.

Calabretta S, et al. (2018) Loss of PRMT5 Promotes PDGFR $\beta$  Degradation during Oligodendrocyte Differentiation and Myelination. *Developmental cell*, 46(4), 426.

Zirke A, et al. (2018) HMGB2 Loss upon Senescence Entry Disrupts Genomic Organization and Induces CTCF Clustering across Cell Types. *Molecular cell*, 70(4), 730.