

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

Mouse Anti-Tubulin I, beta Monoclonal Antibody, Unconjugated, Clone SAP.4G5

RRID:AB_261770

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# T7816, RRID:AB_261770

Antibody Information

URL: http://antibodyregistry.org/AB_261770

Proper Citation: Sigma-Aldrich Cat# T7816, RRID:AB_261770

Target Antigen: Tubulin, beta I

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: ELISA; Immunocytochemistry; Immunohistochemistry; Western Blot; Direct ELISA, Immunocytochemistry, Immunohistochemistry (formalin-fixed, paraffin-embedded), Immunoblotting

Antibody Name: Mouse Anti-Tubulin I, beta Monoclonal Antibody, Unconjugated, Clone SAP.4G5

Description: This monoclonal targets Tubulin, beta I

Target Organism: chicken, chickenavian, rat, hamster, xenopus, canine, mouse, bovine, human

Clone ID: Clone SAP.4G5

Antibody ID: AB_261770

Vendor: Sigma-Aldrich

Catalog Number: T7816

Record Creation Time: 20231110T045122+0000

Record Last Update: 20260829T185421+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Tubulin I, beta Monoclonal Antibody, Unconjugated, Clone SAP.4G5.

No alerts have been found for Mouse Anti-Tubulin I, beta Monoclonal Antibody, Unconjugated, Clone SAP.4G5.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Novak J, et al. (2025) The adaptor protein Miro1 modulates horizontal transfer of mitochondria in mouse melanoma models. *Cell reports*, 44(1), 115154.

Tran MV, et al. (2024) MAP9/MAPH-9 supports axonemal microtubule doublets and modulates motor movement. *Developmental cell*, 59(2), 199.

Manara MC, et al. (2024) Engagement of CD99 Activates Distinct Programs in Ewing Sarcoma and Macrophages. *Cancer immunology research*, 12(2), 247.

Talvi S, et al. (2024) Embigin deficiency leads to delayed embryonic lung development and high neonatal mortality in mice. *iScience*, 27(2), 108914.

Haggerty KN, et al. (2024) Super-resolution mapping in rod photoreceptors identifies rhodopsin trafficking through the inner segment plasma membrane as an essential subcellular pathway. *PLoS biology*, 22(1), e3002467.

Ishibashi K, et al. (2024) Astrocyte-induced mGluR1 activates human lung cancer brain metastasis via glutamate-dependent stabilization of EGFR. *Developmental cell*, 59(5), 579.

Singh DK, et al. (2023) 5-Azacytidine- and retinoic-acid-induced reprogramming of DCCs into dormancy suppresses metastasis via restored TGF- β -SMAD4 signaling. *Cell reports*, 42(6), 112560.

Piol D, et al. (2023) Antagonistic effect of cyclin-dependent kinases and a calcium-dependent phosphatase on polyglutamine-expanded androgen receptor toxic gain of function. *Science advances*, 9(1), eade1694.

Rocca MS, et al. (2023) Mutational Screening of Androgen Receptor Gene in 8224 Men of Infertile Couples. *The Journal of clinical endocrinology and metabolism*, 108(5), 1181.

He W, et al. (2023) Modeling breast cancer proliferation, drug synergies, and alternating therapies. *iScience*, 26(5), 106714.

Haggerty KN, et al. (2023) Mapping rhodopsin trafficking in rod photoreceptors with quantitative super-resolution microscopy. *bioRxiv : the preprint server for biology*.

Harpaz N, et al. (2022) Single-cell epigenetic analysis reveals principles of chromatin states in H3.3-K27M gliomas. *Molecular cell*, 82(14), 2696.

Dings MPG, et al. (2022) Estrogen-related receptor alpha drives mitochondrial biogenesis and resistance to neoadjuvant chemoradiation in esophageal cancer. *Cell reports. Medicine*, 3(11), 100802.

Roy B, et al. (2022) Aurora B phosphorylates Bub1 to promote spindle assembly checkpoint signaling. *Current biology : CB*, 32(1), 237.

Koivu MKA, et al. (2021) Identification of Predictive ERBB Mutations by Leveraging Publicly Available Cell Line Databases. *Molecular cancer therapeutics*, 20(3), 564.

Migazzi A, et al. (2021) Huntingtin-mediated axonal transport requires arginine methylation by PRMT6. *Cell reports*, 35(2), 108980.

Mellis AT, et al. (2021) The role of glutamate oxaloacetate transaminases in sulfite biosynthesis and H₂S metabolism. *Redox biology*, 38, 101800.

Calvo-Rodriguez M, et al. (2020) Increased mitochondrial calcium levels associated with neuronal death in a mouse model of Alzheimer's disease. *Nature communications*, 11(1), 2146.

Kukreja AA, et al. (2020) Microtubule Attachment and Centromeric Tension Shape the Protein Architecture of the Human Kinetochore. *Current biology : CB*, 30(24), 4869.

Hirst WG, et al. (2020) Differences in Intrinsic Tubulin Dynamic Properties Contribute to Spindle Length Control in *Xenopus* Species. *Current biology : CB*, 30(11), 2184.