# Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 17, 2025

## Monoclonal Anti-beta-Tubulin Isotype III antibody produced in mouse

RRID:AB_532291
Type: Antibody

### Proper Citation

(Sigma-Aldrich Cat# T5076, RRID:AB_532291)

### Antibody Information

**URL:** http://antibodyregistry.org/AB_532291

**Proper Citation:** (Sigma-Aldrich Cat# T5076, RRID:AB_532291)

**Target Antigen:** beta-Tubulin Isotype III antibody produced in mouse

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Vendor recommendations: IgG2b ELISA; Immunocytochemistry; dot blot: suitable, immunocytochemistry: suitable, indirect ELISA: suitable, immunoblotting: 0.1-0.2 mug/mL; Other; Western Blot; Immunohistochemistry

**Antibody Name:** Monoclonal Anti-beta-Tubulin Isotype III antibody produced in mouse

**Description:** This monoclonal targets beta-Tubulin Isotype III antibody produced in mouse

**Target Organism:** rat, porcine, boar, mouse, bovine, human

**Antibody ID:** AB_532291

**Vendor:** Sigma-Aldrich

**Catalog Number:** T5076

**Record Creation Time:** 20241017T000327+0000

**Record Last Update:** 20241017T013806+0000

## Ratings and Alerts

No rating or validation information has been found for Monoclonal Anti-beta-Tubulin Isotype III antibody produced in mouse.

No alerts have been found for Monoclonal Anti-beta-Tubulin Isotype III antibody produced in mouse.

## Data and Source Information

**Source:** Antibody Registry

## Usage and Citation Metrics

We found 25 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.


Thombare K, et al. (2024) METTL3/MYCN cooperation drives neural crest differentiation and provides therapeutic vulnerability in neuroblastoma. The EMBO journal, 43(24), 6310.

Ropret S, et al. (2024) Induced pluripotent stem cell (iPSC) line MLi005-A derived from a patient with dominant dystrophic epidermolysis bullosa (DDEB). Stem cell research, 75, 103306.

Pethe A, et al. (2023) K+/Cl- cotransporter 2 (KCC2) and Na+/HCO3- cotransporter 1 (NBCe1) interaction modulates profile of KCC2 phosphorylation. Frontiers in cellular neuroscience, 17, 1253424.

Devito LG, et al. (2023) Generation of TWO G51D SNCA missense mutation iPSC lines (CRICKi011-A, CRICKi012-A) from two individuals at risk of Parkinson's disease. Stem cell research, 71, 103134.

Wang QW, et al. (2023) 16p11.2 CNV gene Doc2? functions in neurodevelopment and social behaviors through interaction with Secretagogin. Cell reports, 42(7), 112691.

Devito LG, et al. (2022) Generation of FOUR iPSC lines (CRICKi004-A; CRICKi005-A; CRICKi006-A, CRICKi007-A) from Spinal muscle atrophy patients with lower extremity dominant (SMALED) phenotype. Stem cell research, 65, 102954.

Flegel J, et al. (2022) The Highly Potent AhR Agonist Picoberin Modulates Hh-Dependent Osteoblast Differentiation. Journal of medicinal chemistry, 65(24), 16268.

Ropret S, et al. (2021) Induced pluripotent stem cell (iPSC) line MLi-004A derived from a patient with recessive dystrophic epidermolysis bullosa (RDEB). Stem cell research, 55, 102463.

Mori Y, et al. (2021) Cdc42 is required for male germline niche development in mice. Cell reports, 36(7), 109550.

Devito LG, et al. (2021) Generation of an iPSC line (CRICKi001-A) from an individual with a germline SMARCA4 missense mutation and autism spectrum disorder. Stem cell research, 53, 102304.

Ben-Haim Y, et al. (2021) Generation and characterization of iPSC lines from two nuclear envelopathy patients with a homozygous nonsense mutation in the TOR1AIP1 gene. Stem cell research, 56, 102539.

Alsabban AH, et al. (2020) Kinesin Kif3b mutation reduces NMDAR subunit NR2A trafficking and causes schizophrenia-like phenotypes in mice. The EMBO journal, 39(1), e101090.

Huang R, et al. (2020) NCAM regulates temporal specification of neural progenitor cells via profilin2 during corticogenesis. The Journal of cell biology, 219(1).

Khurana P, et al. (2020) Stem Cell Research Lab Resource: Stem Cell LineInduced pluripotent stem cell (iPSC) line MLi-003A derived from an individual with the maximum number of filaggrin (FLG) tandem repeats. Stem cell research, 45, 101827.

Komabayashi-Suzuki M, et al. (2019) Spatiotemporally Dependent Vascularization Is Differently Utilized among Neural Progenitor Subtypes during Neocortical Development. Cell reports, 29(5), 1113.

Vargas Abonce SE, et al. (2019) Homeoprotein Neuroprotection of Embryonic Neuronal Cells. eNeuro, 6(5).

Kolundzic N, et al. (2019) Induced pluripotent stem cell line heterozygous for p.R2447X mutation in filaggrin: KCLi002-A. Stem cell research, 38, 101462.

Kolundzic N, et al. (2019) Induced pluripotent stem cell (iPSC) line from an epidermolysis bullosa simplex patient heterozygous for keratin 5 E475G mutation and with the Dowling Meara phenotype. Stem cell research, 37, 101424.

Luck R, et al. (2019) VEGF/VEGFR2 signaling regulates hippocampal axon branching during development. eLife, 8.

Ichinose S, et al. (2019) The Spatiotemporal Construction of the Axon Initial Segment via KIF3/KAP3/TRIM46 Transport under MARK2 Signaling. Cell reports, 28(9), 2413.