

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 5, 2026

## Mouse Anti-Tubulin, beta III, neuron specific Monoclonal Antibody, Unconjugated, Clone TU-20

RRID:AB\_306045

Type: Antibody

### Proper Citation

Abcam Cat# ab7751, RRID:AB\_306045

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_306045](http://antibodyregistry.org/AB_306045)

**Proper Citation:** Abcam Cat# ab7751, RRID:AB\_306045

**Target Antigen:** Neuron specific beta III Tubulin

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Flow Cytometry, Immunocytochemistry, Immunocytochemistry/Immunofluorescence, Immunofluorescence, Immunohistochemistry-FoFr, Immunohistochemistry-P, Immunoprecipitation, Western Blot

**Antibody Name:** Mouse Anti-Tubulin, beta III, neuron specific Monoclonal Antibody, Unconjugated, Clone TU-20

**Description:** This monoclonal targets Neuron specific beta III Tubulin

**Target Organism:** all

**Clone ID:** Clone TU-20

**Antibody ID:** AB\_306045

**Vendor:** Abcam

**Catalog Number:** ab7751

**Record Creation Time:** 20231110T045047+0000

## Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Tubulin, beta III, neuron specific Monoclonal Antibody, Unconjugated, Clone TU-20.

No alerts have been found for Mouse Anti-Tubulin, beta III, neuron specific Monoclonal Antibody, Unconjugated, Clone TU-20.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 40 mentions in open access literature.

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

Guo B, et al. (2026) GIP Affects Neuronal Microtubule Acetylation by Regulating ??TAT1 Degradation. Cytoskeleton (Hoboken, N.J.).

Alzrigat M, et al. (2026) CDK2 inhibition promotes neuronal differentiation in neuroblastoma. Scientific reports, 16(1), 5255.

Mohan N, et al. (2026) Modeling spastic paraplegia 4 with corticospinal motor neuron-enriched cortical organoids reveals genotype-phenotype and HDAC6-targetable pathology. Cell reports, 45(3), 117036.

Peralta ED, et al. (2026) Angiotensin-II Type 1 and Type 2 Receptors Differentially Regulate TWIK1 Potassium Channel Expression in Wistar Rat Sensory Neurons. Journal of neuroscience research, 104(4), e70127.

Grijpink LCM, et al. (2025) Cytomegalovirus host receptor expression in the human fetal inner ear. PloS one, 20(3), e0320605.

Cabaj M, et al. (2025) Alpha-synuclein abundance and localization are regulated by the RNA-binding protein PUMILIO1. Cell reports, 44(8), 116145.

Dou D, et al. (2024) RAB3 phosphorylation by pathogenic LRRK2 impairs trafficking of synaptic vesicle precursors. The Journal of cell biology, 223(6).

Erickson AG, et al. (2024) Motor innervation directs the correct development of the mouse sympathetic nervous system. Nature communications, 15(1), 7065.

Gao C, et al. (2024) Neuromuscular organoids model spinal neuromuscular pathologies in C9orf72 amyotrophic lateral sclerosis. Cell reports, 43(3), 113892.

Randolph LK, et al. (2024) Regulation of synapse density by Pumilio RNA-binding proteins. *Cell reports*, 43(10), 114747.

Ahmad I, et al. (2024) Generation and characterization of human-derived induced pluripotent stem cell line (IGIBi010-A) from a patient with neurodegenerative disease phenotype carrying mutation in SQSTM1/p62 gene. *Stem cell research*, 80, 103520.

Tetzlaff SK, et al. (2024) Characterizing and targeting glioblastoma neuron-tumor networks with retrograde tracing. *Cell*.

Constantinou M, et al. (2024) Lineage specification in glioblastoma is regulated by METTL7B. *Cell reports*, 43(6), 114309.

Zhu Y, et al. (2024) HDAC1 and HDAC2 orchestrate Wnt signaling to regulate neural progenitor transition during brain development. *iScience*, 27(9), 110600.

Guo F, et al. (2024) Generation of two hiPSC lines carrying compound heterozygous RDH12 mutations in a LCA patient. *Stem cell research*, 81, 103525.

Guo Y, et al. (2023) Neural progenitor cells derived from fibroblasts induced by small molecule compounds under hypoxia for treatment of Parkinson's disease in rats. *Neural regeneration research*, 18(5), 1090.

Tshering LF, et al. (2023) Immune mechanisms shape the clonal landscape during early progression of prostate cancer. *Developmental cell*, 58(12), 1071.

Carew JA, et al. (2023) Differential Myosin 5a splice variants in innervation of pelvic organs. *Frontiers in physiology*, 14, 1304537.

Zhai J, et al. (2023) Neurulation of the cynomolgus monkey embryo achieved from 3D blastocyst culture. *Cell*, 186(10), 2078.

Chen X, et al. (2022) Engineered AAVs for non-invasive gene delivery to rodent and non-human primate nervous systems. *Neuron*, 110(14), 2242.