

Resource Summary Report

Generated by [RRID](#) on Sep 10, 2026

Tau (Tau46) Mouse mAb

RRID:AB_10695394

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4019, RRID:AB_10695394

Antibody Information

URL: http://antibodyregistry.org/AB_10695394

Proper Citation: Cell Signaling Technology Cat# 4019, RRID:AB_10695394

Target Antigen: MAPT

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W, IHC-P, IF-P, IF-F. Consolidation on 11/2018: AB_10695394, AB_10889246, AB_2281791.

Antibody Name: Tau (Tau46) Mouse mAb

Description: This monoclonal targets MAPT

Target Organism: human

Antibody ID: AB_10695394

Vendor: Cell Signaling Technology

Catalog Number: 4019

Record Creation Time: 20231110T045319+0000

Record Last Update: 20260831T223915+0000

Ratings and Alerts

No rating or validation information has been found for Tau (Tau46) Mouse mAb.

No alerts have been found for Tau (Tau46) Mouse mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Trushin S, et al. (2026) Discovery and Preclinical Validation of a Clinically Optimized Mitochondrial Complex I Modulator for Alzheimer's Disease. bioRxiv : the preprint server for biology.

Li Y, et al. (2026) Tuberostemonine ameliorates Alzheimer's disease pathology by suppression of the p38 MAPK signaling pathway. iScience, 29(8), 116887.

Yu ZY, et al. (2025) Roles of blood monocytes carrying TREM2R47H mutation in pathogenesis of Alzheimer's disease and its therapeutic potential in APP/PS1 mice. Alzheimer's & dementia : the journal of the Alzheimer's Association, 21(2), e14402.

Wang R, et al. (2024) Kaempferol-3-O-sophoroside (PCS-1) contributes to modulation of depressive-like behaviour in C57BL/6J mice by activating AMPK. British journal of pharmacology, 181(8), 1182.

Huang H, et al. (2024) The role of microtubule-associated protein tau in netrin-1 attractive signaling. Journal of cell science, 137(1).

Pramio J, et al. (2023) Sulfite Impairs Bioenergetics and Redox Status in Neonatal Rat Brain: Insights into the Early Neuropathophysiology of Isolated Sulfite Oxidase and Molybdenum Cofactor Deficiencies. Cellular and molecular neurobiology.

Yao SY, et al. (2023) A peptide rich in glycine-serine-alanine repeats ameliorates Alzheimer-type neurodegeneration. British journal of pharmacology.

Cappelletti G, et al. (2023) SARS-CoV-2 hampers dopamine production in iPSC-derived dopaminergic neurons. Experimental and molecular pathology, 134, 104874.

Carsana EV, et al. (2022) Metabolic Profile Variations along the Differentiation of Human-Induced Pluripotent Stem Cells to Dopaminergic Neurons. Biomedicines, 10(9).

Sahbani K, et al. (2022) Inhibition of TGF- β Signaling Attenuates Disuse-induced Trabecular Bone Loss After Spinal Cord Injury in Male Mice. Endocrinology, 163(1).

Lunghi G, et al. (2022) β -Glucocerebrosidase Deficiency Activates an Aberrant Lysosome-Plasma Membrane Axis Responsible for the Onset of Neurodegeneration. Cells, 11(15).

Stoyka LE, et al. (2021) Templated β -Synuclein Inclusion Formation Is Independent of Endogenous Tau. eNeuro, 8(3).

Sodhi K, et al. (2021) Role of adipocyte Na,K-ATPase oxidant amplification loop in cognitive decline and neurodegeneration. *iScience*, 24(11), 103262.

Tai C, et al. (2020) Tau Reduction Prevents Key Features of Autism in Mouse Models. *Neuron*, 106(3), 421.

Bennett RE, et al. (2020) Tau reduction in aged mice does not impact Microangiopathy. *Acta neuropathologica communications*, 8(1), 137.

Kim D, et al. (2019) Protective effect of exercise training against the progression of Alzheimer's disease in 3xTg-AD mice. *Behavioural brain research*, 374, 112105.

Wang L, et al. (2018) Mitofusin 2 Regulates Axonal Transport of Calpastatin to Prevent Neuromuscular Synaptic Elimination in Skeletal Muscles. *Cell metabolism*, 28(3), 400.

Andrade EC, et al. (2017) ARPP-16 Is a Striatal-Enriched Inhibitor of Protein Phosphatase 2A Regulated by Microtubule-Associated Serine/Threonine Kinase 3 (Mast 3 Kinase). *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(10), 2709.