Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 14, 2025

Mouse Anti-GFAP Monoclonal Antibody, Unconjugated, Clone GA5

RRID:AB_561049
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 3670, RRID:AB_561049)

Antibody Information

URL: http://antibodyregistry.org/AB_561049

Proper Citation: (Cell Signaling Technology Cat# 3670, RRID:AB_561049)

Target Antigen: GFAP

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W, IHC-P, IF-F, IF-IC. Consolidation on 5/2017: AB_10694390, AB_10831828.

Antibody Name: Mouse Anti-GFAP Monoclonal Antibody, Unconjugated, Clone GA5

Description: This monoclonal targets GFAP

Target Organism: rat, mouse, human

Clone ID: GA5

Defining Citation: PMID:19824090

Antibody ID: AB_561049

Vendor: Cell Signaling Technology

Catalog Number: 3670

Alternative Catalog Numbers: 3670T, 3670P, 3670S

Record Creation Time: 20231110T044106+0000

Record Last Update: 20241115T120336+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-GFAP Monoclonal Antibody, Unconjugated, Clone GA5.

No alerts have been found for Mouse Anti-GFAP Monoclonal Antibody, Unconjugated, Clone GA5.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 142 mentions in open access literature.

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

Wang C, et al. (2025) Human-induced pluripotent stem cell-derived neural stem cell exosomes improve blood-brain barrier function after intracerebral hemorrhage by activating astrocytes via PI3K/AKT/MCP-1 axis. Neural regeneration research, 20(2), 518.

Yan J, et al. (2024) TwinF interface inhibitor FP802 stops loss of motor neurons and mitigates disease progression in a mouse model of ALS. Cell reports. Medicine, 5(2), 101413.

Zhang D, et al. (2024) P-tau217 correlates with neurodegeneration in Alzheimer's disease, and targeting p-tau217 with immunotherapy ameliorates murine tauopathy. Neuron.

Zhang G, et al. (2024) Spi1 regulates the microglial/macrophage inflammatory response via the PI3K/AKT/mTOR signaling pathway after intracerebral hemorrhage. Neural regeneration research, 19(1), 161.

Nandagopal S, et al. (2024) Activation-derepression synergy enables a bHLH network to coordinate a signal-specific fate response. Cell reports, 43(12), 115077.

Wang C, et al. (2024) A multidimensional atlas of human glioblastoma-like organoids reveals highly coordinated molecular networks and effective drugs. NPJ precision oncology, 8(1), 19.

Zhang L, et al. (2024) Heat Shock Protein 22 Attenuates Nerve Injury-induced Neuropathic

Pain Via Improving Mitochondrial Biogenesis and Reducing Oxidative Stress Mediated By Spinal AMPK/PGC-1? Pathway in Male Rats. Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology, 19(1), 5.

Bagh MB, et al. (2024) Disruption of lysosomal nutrient sensing scaffold contributes to pathogenesis of a fatal neurodegenerative lysosomal storage disease. The Journal of biological chemistry, 300(2), 105641.

Chandía-Cristi A, et al. (2024) Prophylactic treatment with the c-Abl inhibitor, neurotinib, diminishes neuronal damage and the convulsive state in pilocarpine-induced mice. Cell reports, 43(5), 114144.

Guan X, et al. (2024) Microglial CMPK2 promotes neuroinflammation and brain injury after ischemic stroke. Cell reports. Medicine, 5(5), 101522.

Tomas-Sanchez C, et al. (2024) Prophylactic zinc and therapeutic selenium administration in adult rats prevents long-term cognitive and behavioral sequelae by a transient ischemic attack. Heliyon, 10(9), e30017.

Wang N, et al. (2024) Microglial apolipoprotein E particles contribute to neuronal senescence and synaptotoxicity. iScience, 27(6), 110006.

Shen W, et al. (2024) Astrocytic GAT-3 Regulates Synaptic Transmission and Memory Formation in the Dentate Gyrus. Glia.

Ma Y, et al. (2024) Mild hypothermia promotes neuronal differentiation of human neural stem cells via RBM3-SOX11 signaling pathway. iScience, 27(4), 109435.

Zhou J, et al. (2024) Astrocytic LRP1 enables mitochondria transfer to neurons and mitigates brain ischemic stroke by suppressing ARF1 lactylation. Cell metabolism, 36(9), 2054.

Palko SI, et al. (2024) ER-stress response in retinal Müller glia occurs significantly earlier than amyloid pathology in the Alzheimer's mouse brain and retina. Glia.

Moriyama K, et al. (2024) Oxygen-Glucose Deprivation Increases NR4A1 Expression and Promotes Its Extranuclear Translocation in Mouse Astrocytes. Brain sciences, 14(3).

Liao C, et al. (2024) Inhibition of JNK ameliorates rod photoreceptor degeneration in a mouse model of retinitis pigmentosa. FEBS letters.

Pasula MB, et al. (2024) Sex-dimorphic glucose transporter-2 regulation of cAMP-protein kinase A (PKA) C-alpha pathway activity and phosphorylation in rat hypothalamic primary astrocyte cultures. The European journal of neuroscience, 60(12), 7152.

Roy A, et al. (2024) Impact of Interleukin-6 Activation and Arthritis on Epidermal Growth Factor Receptor (EGFR) Activation in Sensory Neurons and the Spinal Cord. International journal of molecular sciences, 25(13).