Resource Summary Report

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Mouse Anti-Glial Fibrillary Acidic Protein (GFAP) Monoclonal Antibody, Unconjugated, Clone G-A-5

RRID:AB_477010
Type: Antibody

Proper Citation

Sigma-Aldrich Cat# G3893, RRID:AB_477010

Antibody Information

URL: http://antibodyregistry.org/AB_477010

Proper Citation: Sigma-Aldrich Cat# G3893, RRID:AB_477010

Target Antigen: Glial Fibrillary Acidic Protein (GFAP)

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: Immunohistochemistry; Immunohistochemistry (Paraffin sections)

Antibody Name: Mouse Anti-Glial Fibrillary Acidic Protein (GFAP) Monoclonal Antibody, Unconjugated, Clone G-A-5

Description: This monoclonal targets Glial Fibrillary Acidic Protein (GFAP)

Target Organism: rat, porcine, pig, human

Clone ID: Clone G-A-5

Defining Citation: PMID:19418545, PMID:18335540, PMID:21246554, PMID:20533360, PMID:18186028, PMID:17348003, PMID:21246550, PMID:18668683, PMID:20187137, PMID:17183554, PMID:21452199, PMID:16680766, PMID:18729150, PMID:19330822, PMID:18698599, PMID:20575070, PMID:19058188, PMID:18236450, PMID:17111374, PMID:20437530, PMID:18076058, PMID:18300261, PMID:16871537, PMID:23224860, PMID:19363795

Antibody ID: AB_477010

Vendor: Sigma-Aldrich

Catalog Number: G3893

Record Creation Time: 20250820T054939+0000

Record Last Update: 20250820T223358+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Glial Fibrillary Acidic Protein (GFAP) Monoclonal Antibody, Unconjugated, Clone G-A-5.

No alerts have been found for Mouse Anti-Glial Fibrillary Acidic Protein (GFAP) Monoclonal Antibody, Unconjugated, Clone G-A-5.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 342 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Martin A, et al. (2026) Generalizable, high-throughput image analysis of subcellular structures using dispersion indices. iScience, 29(4), 115371.

Becker S, et al. (2026) Healing of ischemic injury in the retina. Science advances, 12(4), eadx7204.

Siliezar-Doyle J, et al. (2026) Translatome profiling of spinal cord astrocytes reveals distinct gene signatures associated with acute and chronic pain. iScience, 29(5), 115719.

Gaston-Breton R, et al. (2026) Female metabolic resilience and male-biased protein quality defects under hypoxia in human brain organoids. iScience, 29(5), 115714.

Crawford LS, et al. (2026) Longitudinal Tracking of Astrocyte Reactivity During the Development of Chronic Orofacial Neuropathic Pain Using [18F]-SMBT-1 Positron-Emission Tomography. Glia, 74(8), e70182.

Assaf S, et al. (2026) Glioblastoma stem cell growth requires DOT1L-MED23 control of enhancer accessibility. Cell reports, 45(7), 117647.

Shimoda T, et al. (2026) LPA4 in the spinal dorsal horn is a potential therapeutic target for inflammatory pain and neuropathic mechanical hypersensitivity. iScience, 29(8), 116845.

Hinestroza-Morales S, et al. (2026) Differential morphology and distribution of GFAP astrocytes in vocal brain circuit in a songbird Southern house wren and humans. Frontiers in neuroanatomy, 20, 1606172.

Tai W, et al. (2026) In vivo reprogramming of NG2 glia improves bladder function after spinal cord injury. iScience, 29(3), 114850.

Kumar K, et al. (2026) Gestational deltamethrin exposure exacerbates post-traumatic epileptiform activity and social deficits, diminishing the therapeutic efficacy of curcumin in rats. Metabolic brain disease, 41(1).

Hanes CM, et al. (2026) A new mouse mutant with a discrete mutation in Pcdhgc5 reveals that the Protocadherin ?C5 isoform is not essential for dendrite arborization in the cerebral cortex. PloS one, 21(3), e0344863.

Nemati S, et al. (2026) Therapeutic reactivation of hippocampal progenitors reverse cognition decline in mice with progressive brain demyelination. Stem cell reports, 21(5), 102896.

van Bruggen R, et al. (2026) Partial Deletion of Cxcl12 from Hippocampal Cajal-Retzius Cells Does Not Disrupt Dentate Gyrus Development or Neurobehaviors. eNeuro, 13(1).

Pósfai B, et al. (2026) P2Y12 Receptor Function Governs Microglial Surveillance and Cell-Cell Interactions in the Cerebral Cortex. Glia, 74(2), e70109.

Ezquerro-Herce S, et al. (2026) Cannabinoid CB1 receptors drive oligodendrocyte maturation during myelin regeneration. Cell communication and signaling : CCS, 24(1).

Vidos C, et al. (2026) Early Hypo-Osmolar Stress Regulates Astrocyte Reactivity After Brain Injury: "New Insights Into Glial Response to Edema". Journal of neurochemistry, 170(7), e70524.

Vaquero-Rodríguez A, et al. (2025) Temporal progression of pathological features in an ?-synuclein overexpression model of Parkinson's disease. Brain structure & function, 230(6), 91.

Peichl L, et al. (2025) Eye features and retinal photoreceptors of the nocturnal aardvark (Orycteropus afer, Tubulidentata). PloS one, 20(3), e0314252.

Bardy-Lagarde M, et al. (2025) Estradiol Promotes Myelin Repair in the Spinal Cord of Female Mice in a CXCR4 Chemokine Receptor-Independent Manner. International journal of molecular sciences, 26(10).

Xu J, et al. (2025) GPR37L1 identifies spinal cord astrocytes and protects neuropathic pain after nerve injury. Neuron, 113(8), 1206.