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## GFAP (Clone GA-5) Mouse Monoclonal Antibody

**Specificity:** Human. Others not tested

**Immunogen:** Native GFAP purified from pig spinal cord

**Ig Class:** IgG1

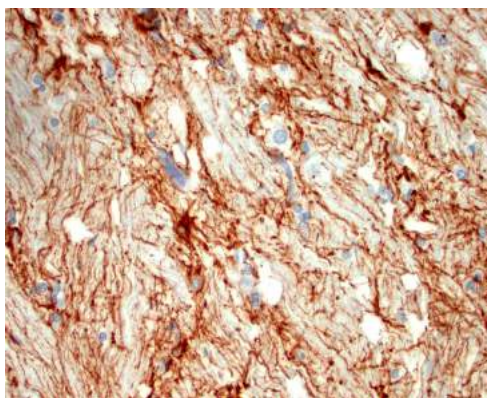
**Storage:** Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

**Staining procedures:** Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:200. *Positive Control:* Brain or astrocytoma. *Cellular Localization:* Cytoplasmic. *Intended Use:* In vitro diagnosis (IVD).

**Description:** Glial Fibrillary Acidic Protein (GFAP) is specific to astrocytes (i.e., glial cells) and ependymal cells of the central nervous system. MAb to GFAP is useful in differentiating primary gliomas from metastatic lesions in the brain and for documenting astrocytic differentiation in tumors outside the CNS.

**Comments:** GFAP stains astrocytes, glial cells, ependymal cells, and their corresponding tumors. Many types of neural tumors such as neuroblastomas, Schwannomas, as well as extra-CNS tumors are not labeled. Ab-7 cocktail is very sensitive in detecting GFAP in routine formalin-fixed, paraffin-embedded tissues.

**Supplied As:** Tissue culture supernatant with 0.2% BSA and 15mM sodium azide.



*Formalin-fixed, paraffin-embedded human brain stained with anti-GFAP antibody using peroxidase-conjugate and DAB chromogen. Note positive staining of astrocytic processes*

Cat. #Z2255 (1.0 ml)

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