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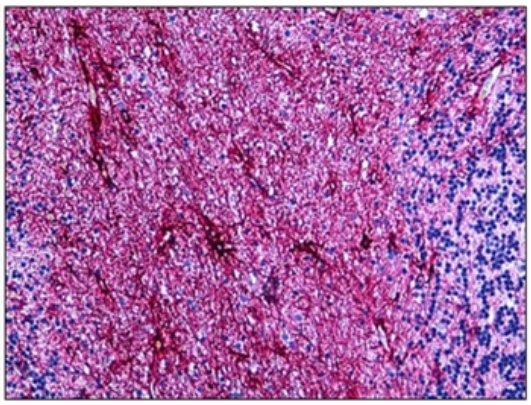
AM32289PU-N Monoclonal Antibody to GFAP - Purified

Alternate names:	Glial Fibrillary Acidic Protein
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	Glial fibrillary acidic protein is an intermediate-filament (IF) protein that is highly specific for cells of astroglial lineage. It is used frequently as an astrocyte marker.
Uniprot ID:	P14136
NCBI:	NP_001229305.1
GeneID:	2670
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	GFA-02
Immunogen:	A crude preparation from Porcine spinal cord.
Format:	**State:** Liquid purified IgG fraction **Buffer System:** PBS **Preservatives:** 0.05% Sodium Azide
Applications:	**Flow Cytometry.** **Immunohistochemistry on Frozen Sections.** **Immunohistochemistry on Paraffin Sections:** 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody clone *GFA-02* reacts with Glial Fibrillary Acid Protein (52 kD). GFAP is the major protein of glial filaments in astrocytes and ependymal cells. In the peripheral nervous system GFAP is found in Schwann cells. Can be used for identifying astrocytomas and ependymomas.
Species Reactivity:	**Tested:** Human, Porcine.
Storage:	Store the antibody undiluted at 2-8°C. Shelf life: one year from despatch.

Pictures:

Formalin-Fixed, Paraffin-Embedded Human Brain, Cerebellum stained with GFAP antibody Cat.-No AM32289PU-N followed by biotinylated Horse anti-Mouse IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Formalin-Fixed, Paraffin-Embedded Human Brain, Cortex stained with GFAP antibody Cat.-No AM32289PU-N followed by biotinylated Horse anti-Mouse IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.