

**GFAP Antibody (clone GF-01)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS12931****Specification**

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**GFAP Antibody (clone GF-01) - Product Information**

Application	IHC
Primary Accession	<a href="#">P14136</a>
Reactivity	Human, Pig, Cat
Host	Mouse
Clonality	Monoclonal
Calculated MW	50kDa KDa

**GFAP Antibody (clone GF-01) - Additional Information****Gene ID** 2670**Other Names**

Glial fibrillary acidic protein, GFAP, GFAP

**Target/Specificity**

Reacts with GFAP molecules. GFAP is the principal marker of astroglial cells in the central nervous system; it is specifically expressed in satellite cells in peripheral ganglia and in non myelinating Schwann cells in peripheral nerves. The GFAP prot ...

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

GFAP Antibody (clone GF-01) is for research use only and not for use in diagnostic or therapeutic procedures.

**GFAP Antibody (clone GF-01) - Protein Information****Name** GFAP**Function**

GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous system, distinguishes astrocytes from other glial cells.

**Cellular Location**

Cytoplasm. Note=Associated with intermediate filaments

**Tissue Location**

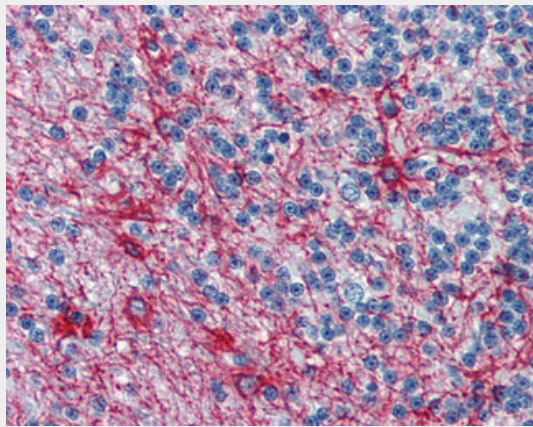
Expressed in cells lacking fibronectin.

## GFAP Antibody (clone GF-01) - Protocols

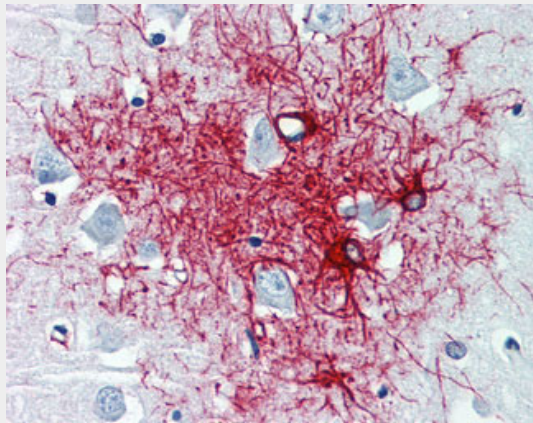
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## GFAP Antibody (clone GF-01) - Images



Anti-GFAP antibody IHC of human brain, cerebellum.



Anti-GFAP antibody IHC of human brain, cortex.

## GFAP Antibody (clone GF-01) - Background

GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous system, distinguishes astrocytes from other glial cells.

## GFAP Antibody (clone GF-01) - References

Reeves S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 86:5178-5182(1989).  
Brenner M., et al. Brain Res. Mol. Brain Res. 7:277-286(1990).  
Bongcam-Rudloff E., et al. Cancer Res. 51:1553-1560(1991).

Kumanishi T., et al. *Acta Neuropathol.* 83:569-578(1992).  
Isaacs A., et al. *Genomics* 51:152-154(1998).