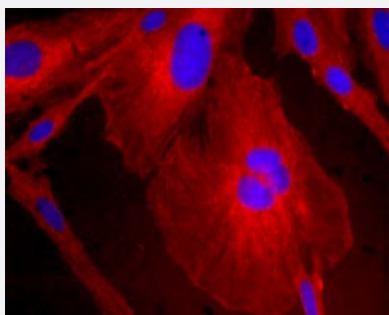


# GFAP monoclonal antibody, clone SB61b (Biotin)

Catalog # MAB5898

Size 500 ug

## Applications



### Immunofluorescence

The CCF-STTG1 cell line was fixed with 5% acetic acid methanol solution for 30 minutes followed by 5% bovine serum PBS blocking. Cells were permeabilized by 0.1% Triton X PBS for 15 minutes prior to staining with GFAP monoclonal antibody, clone SB61b (CY3) (Cat # MAB5899). Cells were then fixed and the slide was mounted with DAPI-Fluormount-G.

## Specification

**Product Description** Mouse monoclonal antibody raised against recombinant GFAP.

**Immunogen** Recombinant protein corresponding to human GFAP.

**Host** Mouse

**Reactivity** Human

**Specificity** human GFAP (~ 50 KDa).

**Form** Liquid

**Conjugation** Biotin

**Isotype** IgG2b, kappa

**Recommend Usage** The optimal working dilution should be determined by the end user.

**Storage Buffer** In PBS (0.09% sodium azide)

**Storage Instruction** Store at 4°C.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot
- Immunohistochemistry (Frozen sections)
- Immunofluorescence

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## Gene Info — GFAP

Entrez GeneID	<a href="#">2670</a>
Gene Name	GFAP
Gene Alias	FLJ45472
Gene Description	glial fibrillary acidic protein
Omim ID	<a href="#">137780 203450</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]
Other Designations	-

## Publication Reference

- [Expression of vimentin and glial fibrillary acidic protein in human developing spinal cord.](#)

Lukas Z, Draber P, Bucek J, Dráberova E, Viklicky V, Staskova Z.

The Histochemical Journal 1989 Dec; 21(12):693.

Application: IF, IHC-Fr, WB-Ti, Human, CG/343 MG cells, Human brain, Human embryo, Human spinal cord, U333 cells

## Disease

- [Alzheimer disease](#)
- [Cognition](#)