

GFAP monoclonal antibody, clone SB61a

Catalog # MAB3335

Size 500 ug

Specification

Product Description	Mouse monoclonal antibody raised against recombinant GFAP.
Immunogen	Recombinant protein corresponding to human GFAP.
Host	Mouse
Reactivity	Human
Specificity	Reacts with human GFAP (~ 50 KDa).
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1 ug) The optimal working dilution should be determined by the end user.
Storage Buffer	In 100 mM BBS, pH 8.0
Storage Instruction	Store at 4°C.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GFAP

Entrez GeneID	2670
Gene Name	GFAP
Gene Alias	FLJ45472

Gene Description	glial fibrillary acidic protein
Omim ID	137780 203450
Gene Ontology	Hyperlink
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

- [Mutations in GFAP, encoding glial fibrillary acidic protein, are associated with Alexander disease.](#)

Brenner M, Johnson AB, Boespflug-Tanguy O, Rodriguez D, Goldman JE, Messing A.

Nature Genetics 2001 Jan; 27(1):117.

- [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](#)