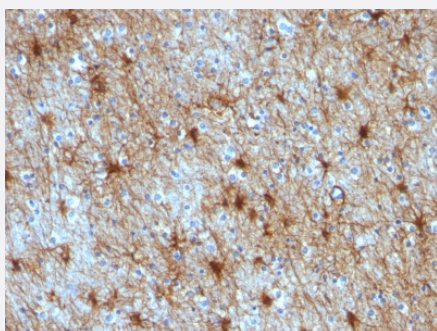# GFAP monoclonal antibody, clone GA-5 + ASTRO/789

Catalog #   MAB21011   Size   100 ug

Applications

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Cerebellum using GFAP monoclonal antibody, clone GA-5 + ASTRO/789.

Specification

Product Description	Mouse monoclonal antibody raised against human GFAP.
Immunogen	GFAP isolated from pig spinal cord (GA-5); Recombinant protein corresponding to human GFAP (ASTRO/789).
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells in 0.1 mL) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin-fixed) (0.25-0.5 ug/mL) Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide)

Storage Instruction	Store at 2 to 8°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Cerebellum using GFAP monoclonal antibody, clone GA-5 + ASTRO/789.

- Immunofluorescence

- Flow Cytometry

Gene Info — GFAP

Entrez GeneID	2670
Protein Accession#	P14136
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	-

Disease

- [Alzheimer disease](#)

- [Cognition](#)