

GFAP monoclonal antibody, clone GFAP/2076

Catalog # MAB21013 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Cerebellum using GFAP monoclonal antibody, clone GFAP/2076.

Specification	
Product Description	Mouse monoclonal antibody raised against partial recombinant human GFAP.
Immunogen	Recombinant protein corresponding to amino acids 101-200 of human GFAP.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
lsotype	lgG1
Recommend Usage	Immunohistochemistry (Formalin-fixed) (1-2 ug/mL) Western Blot (1-2 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.

😵 Abnova

Product Information

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d 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 GFAP/2076.

Gene Info — GFAP	
Entrez GenelD	<u>2670</u>
Protein Accession#	<u>P14136</u>
Gene Name	GFAP
Gene Alias	FLJ45472
Gene Description	glial fibrillary acidic protein
Omim ID	<u>137780 203450</u>
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 g ene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alterna tive splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq
Other Designations	-

Publication Reference

• Effects of alteplase on neurological deficits and expression of GFAP and GAP-43 in brain tissue of rats with acute cerebral infarction.

Dongping Chen, Shuhong Hou, Yangui Chen.

American Journal of Translational Research 2021 Sep; 13(9):10608.

Application: WB, Rat, Rat Brain



Disease

- <u>Alzheimer disease</u>
- Cognition