

ARG44667 anti-GFAP antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes GFAP
Tested Reactivity	Hu, Ms, Rat
Tested Application	ELISA, IHC-P, IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Target Name	GFAP
Species	Human
Conjugation	Un-conjugated
Alternate Names	GFAP; Glial Fibrillary Acidic Protein; FLJ45472; Intermediate Filament Protein; ALXDRD

Application Instructions

Application table	Application	Dilution
	ELISA	5 µg/mL
	IHC-P	5 µg/mL
	IP	10 µg/mL
	WB	1 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

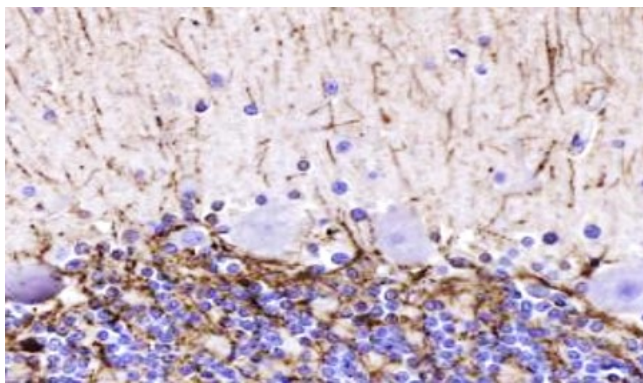
Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	GFAP
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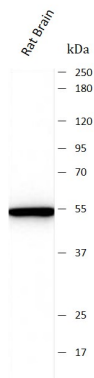
Gene Full Name	Glial Fibrillary Acidic Protein
Background	This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Oct 2008]
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. [UniProt]
Calculated Mw	50 kDa
PTM	Citrullination, Methylation, Phosphoprotein. [UniProt]
Cellular Localization	Cytoplasm, Intermediate filament. [UniProt]

Images



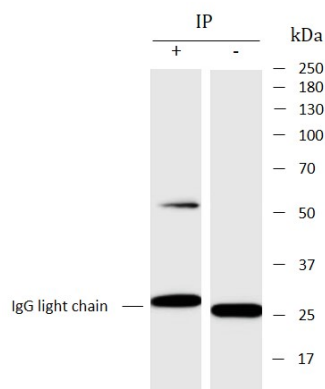
ARG44667 anti-GFAP antibody IHC-P image

Immunohistochemistry: Human Cerebellum stained with ARG44667 anti-GFAP antibody at 7.5 $\mu\text{g}/\text{mL}$ dilution.



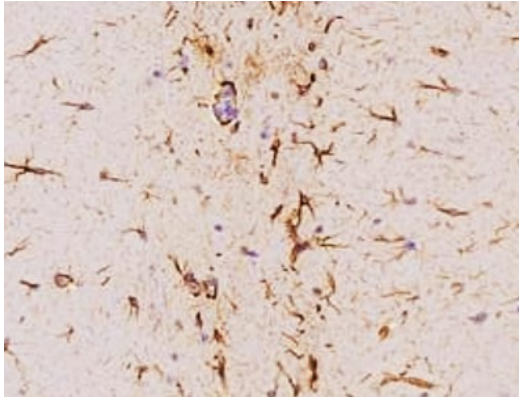
ARG44667 anti-GFAP antibody WB image

Western blot: Rat Brain stained with ARG44667 anti-GFAP antibody at 1 $\mu\text{g}/\text{mL}$ dilution.



ARG44667 anti-GFAP antibody IP image

Immunoprecipitation: Rat Brain lysate immunoprecipitated with 2.5 μg of ARG44667 anti-GFAP antibody.



ARG44667 anti-GFAP antibody IHC-P image

Immunohistochemistry: Mouse Hippocampus stained with ARG44667 anti-GFAP antibody at 5 $\mu\text{g}/\text{mL}$ dilution.
