

Mouse GFAP Monoclonal Antibody | anti-GFAP antibody

GFAP antibody

CATALOG # AAA74863	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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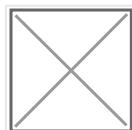
PRODUCT SYNONYMS

GFAP; Monoclonal Antibody; GFAP antibody; Monoclonal GFAP; Anti-GFAP; Glial Fibrillary Acid Protein; Glial marker; Glial Filament Protein; anti-GFAP antibody

PRODUCT SPECIFICATIONS

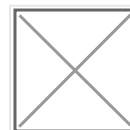
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2C4
Purity/Purification	GFAP antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	432
Applicable Applications for anti-GFAP antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	The glial fibrillary acidic protein (GFAP) gene encodes one of the major intermediate filament proteins of mature astrocytes with multiple isoforms present in the CNS. GFAP is expressed both in the neurospheres from the subventricular zone and the olfactory bulb.
Cross-Reactivity	Human
Immunogen	GFAP antibody was raised in mouse using a full length recombinant protein of human GFAP (NP_002046) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of GFAP protein in paraffin embedded Human ovary tissue using GFAP antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant GFAP protein (Right) or empty vector (Left) detected with GFAP antibody

ADDITIONAL INFORMATION

Related Product Information for anti-GFAP antibody	Mouse monoclonal GFAP antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503979
NCBI GeneID	2670
NCBI Accession #	NP_002046
NCBI GenBank Nucleotide #	NM_002055.4
UniProt Accession #	P14136; Q53H98; Q5D055; Q6ZQS3; Q7Z5J6; Q7Z5J7; Q96KS4; Q96P18; Q9UFD0; B2RD44; D3DX59; E9PAX3
Molecular Weight	49,508 Da
NCBI Official Full Name	glial fibrillary acidic protein isoform 1
NCBI Official Synonym Full Names	glial fibrillary acidic protein
NCBI Official Symbol	GFAP
NCBI Official Synonym Symbols	ALXDRD
NCBI Protein Information	glial fibrillary acidic protein
UniProt Protein Name	Glial fibrillary acidic protein
UniProt Gene Name	GFAP
UniProt Synonym Gene Names	GFAP
UniProt Entry Name	GFAP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.