

For Research Use Only

Biotin-conjugated GFAP Monoclonal antibody



Catalog Number: Biotin-60190

Basic Information

Catalog Number: Biotin-60190	GenBank Accession Number: BC013596	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2670	CloneNo.: 4B2E10
Source: Mouse	Full Name: glial fibrillary acidic protein	Recommended Dilutions: IHC 1:7500-1:30000
Isotype: IgG2a	Calculated MW: 432 aa, 50 kDa	
Immunogen Catalog Number: AG10452	Observed MW: 45-52 kDa	

Applications

Tested Applications: IHC	Positive Controls: IHC : rat brain tissue,
Species Specificity: human, mouse, rat, pig, rabbit	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

GFAP (Glial fibrillary acidic protein), an intermediate-filament (IF) protein, is specifically expressed in cells of astroglial lineage and is widely used to mark the astroglia in the brain. It is also used as a marker for intracranial and intraspinal tumors arising from astrocytes.

Storage

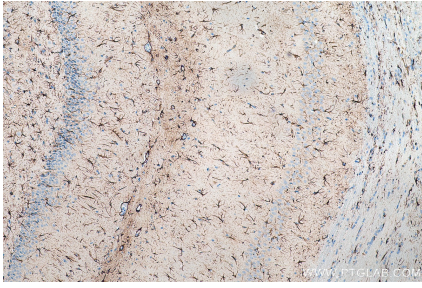
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

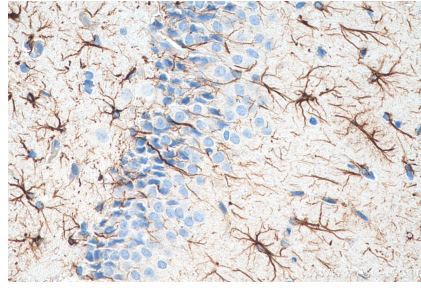
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using Biotin-60190 (GFAP antibody) at dilution of 1:15000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using Biotin-60190 (GFAP antibody) at dilution of 1:15000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).