

For Research Use Only

# Biotin-conjugated GFAP Monoclonal antibody



Catalog Number: Biotin-60190

## Basic Information

<b>Catalog Number:</b> Biotin-60190	<b>GenBank Accession Number:</b> BC013596	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 2670	<b>CloneNo.:</b> 4B2E10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P14136	<b>Recommended Dilutions:</b> IHC 1:7500-1:30000
<b>Isotype:</b> IgG2a	<b>Full Name:</b> glial fibrillary acidic protein	
<b>Immunogen Catalog Number:</b> AG10452	<b>Calculated MW:</b> 432 aa, 50 kDa	
	<b>Observed MW:</b> 45-52 kDa	

## Applications

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

## 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

For technical support and original validation data for this product please contact:

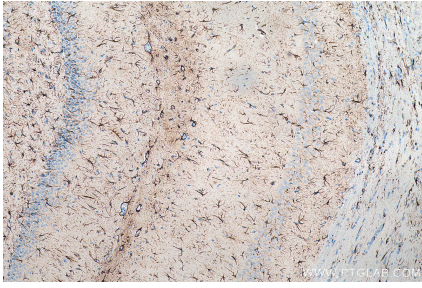
T: 4006900926

E: Proteintech-CN@ptglab.com

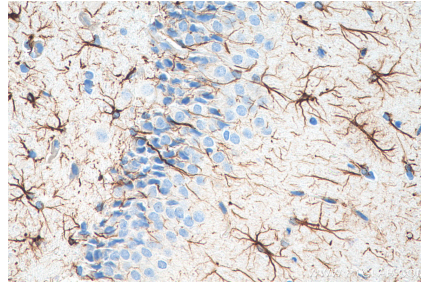
W: ptgcn.com

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## 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).