For Research Use Only

Biotin-conjugated GFAP Monoclonal antibody

Catalog Number:Biotin-60190

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Basic Information

Catalog Number:
Biotin-60190

Concentration:
1000 ug/ml

Source:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG10452

GenBank Accession Number:
BC013596

GeneID (NCBI):
2670

UNIPROT ID:
P14136

Full Name:
glial fibrillary acidic protein

Calculated MW:
432 aa, 50 kDa

Observed MW:
45-52 kDa

Purification Method:
Protein A purification

CloneNo.:
4B2E10

Recommended Dilutions:
IHC: 1:7500-1:30000

Applications

Tested Applications:
IHC

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

Positive Controls:

IHC : rat brain tissue,

Background Information

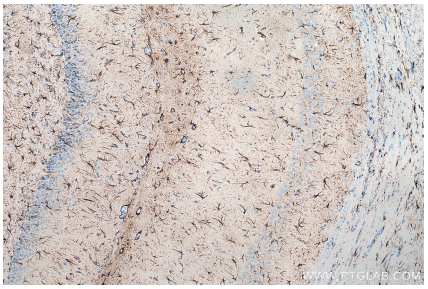
GFAP (Glial fibrillary acidic protein), an intermediate-filament (IF) protein , is specifically expressed in cells of astroglial lineage and is widely used to mark the astroglia in the brain. It is also used as a marker for intracranial and intraspinal tumors arising from astrocytes.

Storage

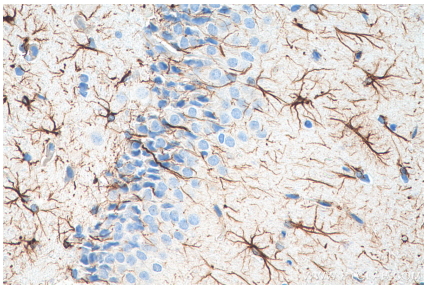
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

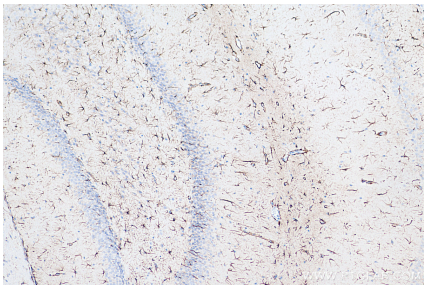
Selected Validation Data



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).



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).