

For Research Use Only

CoraLite® Plus 750-conjugated GFAP Monoclonal antibody

Catalog Number: CL750-60190



Basic Information

Catalog Number:

CL750-60190

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:

IF-P: 1:50-1:500

Excitation/Emission maxima wavelengths:

755 nm / 780 nm

Applications

Tested Applications:

IF-P

Species Specificity:

human, mouse, rat, pig, rabbit

Positive Controls:

IF-P: 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. This antibody is not recommended for immunocytofluorescent assays. It is not suitable for frozen sections.

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:

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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



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat brain tissue using CoraLite® Plus 750 GFAP antibody (CL750-60190, Clone: 4B2E10) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).