

For Research Use Only

CoraLite® Plus 750-conjugated GFAP Polyclonal antibody

Catalog Number: CL750-16825

Featured Product



Basic Information

Catalog Number:

CL750-16825

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10423

GenBank Accession Number:

BC013596

GeneID (NCBI):

2670

UNIPROT ID:

P14136

Full Name:

glial fibrillary acidic protein

Calculated MW:

432 aa, 50 kDa

Observed MW:

45-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF-P: 1:50-1:500

FC (Intra): 0.80 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

755 nm / 780 nm

Applications

Tested Applications:

IF-P, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF-P: rat brain tissue,

FC (Intra): U-251 cells,

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 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:

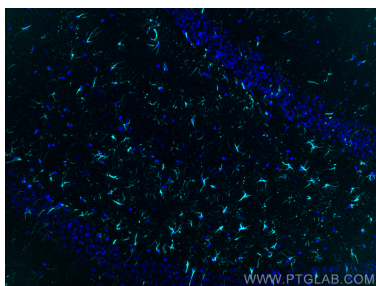
T: 4006900926

E: Proteintech-CN@ptglab.com

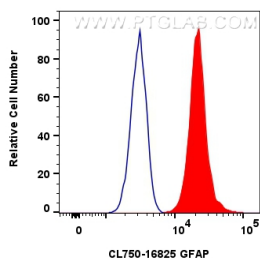
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat brain tissue using CoraLite® Plus 750 GFAP antibody (CL750-16825) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10⁶ U-251 cells were intracellularly stained with 0.8 ug CoraLite® Plus 750-conjugated GFAP Polyclonal antibody (CL750-16825)(red), or 0.8 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).