For Research Use Only

CoraLite® Plus 488-conjugated GFAP Recombinant antibody

Catalog Number:CL488-81063

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Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
CL488-81063

Size:
100ul , Concentration: 1000 ug/ml by Nanodrop;

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

Purification Method:
Protein A purification

CloneNo.:
4C6

Recommended Dilutions:
IF-P: 1:50-1:500
IF-Fro: 1:50-1:500

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF-P, IF-Fro

Species Specificity:
human, mouse, rat, pig

Positive Controls:

IF-P : mouse brain tissue,

IF-Fro : 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 astroglia in the brain. It is also used as a marker for intracranial and intraspinal tumors arising from astrocytes.

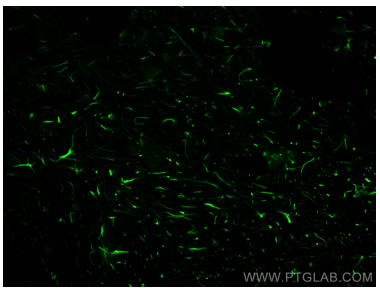
Storage

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

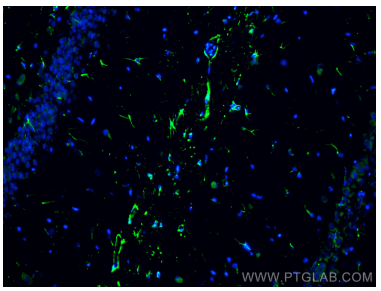
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 mouse brain tissue using CoraLite® Plus 488 GFAP antibody (CL488-81063, Clone: 4C6) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed frozen OCT-embedded rat brain tissue using CoraLite® Plus 488 GFAP antibody (CL488-81063, Clone: 4C6) at dilution of 1:200.