

For Research Use Only

CoraLite® Plus 750-conjugated GFAP Monoclonal antibody

Catalog Number:CL750-60190



Basic Information

Catalog Number: CL750-60190	GenBank Accession Number: BC013596	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2670	CloneNo.: 4B2E10
Source: Mouse	UNIPROT ID: P14136	Recommended Dilutions: IF-P: 1:50-1:500
Isotype: IgG2a	Full Name: glial fibrillary acidic protein	Excitation/Emission maxima wavelengths: 755 nm / 780 nm
Immunogen Catalog Number: AG10452	Calculated MW: 432 aa, 50 kDa	
	Observed MW: 45-52 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : rat brain tissue,
Species Specificity: human, mouse, rat, pig, rabbit	

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.

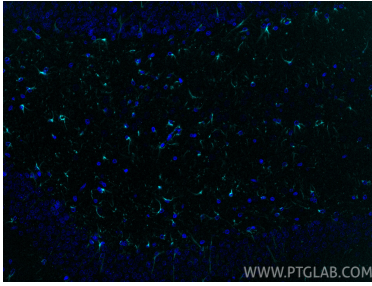
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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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).