

For Research Use Only

CoraLite® Plus 488-conjugated GMF Beta Monoclonal antibody

Catalog Number: CL488-60062



Basic Information

Catalog Number: CL488-60062	GenBank Accession Number: BC005359	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2764	CloneNo.: 3B10A2
Source: Mouse	UNIPROT ID: P60983	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: glia maturation factor, beta	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG1104	Calculated MW: 17 kDa	
	Observed MW: 17 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : U-87 MG cells,
Species Specificity: human, pig	

Background Information

GMFB, Glia maturation factor beta, is a nerve growth factor implicated in nervous system development. It was reported that GMF-beta promotes the phenotypic expression of glia and neurons and inhibits the proliferation of their respective tumors in culture cells. GMF-beta protein is specific to the brain where it is expressed in glial cells (mainly astrocytes) and insome neurons. Higher levels of GMFB were found in the central nervous system, except for the spinal cord, and in thymus and colon.

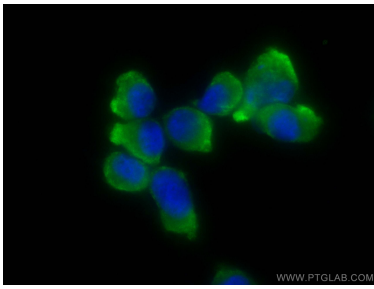
Storage

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, pH 7.3.
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 (-20°C Ethanol) fixed U-87 MG cells using CoraLite® Plus 488 GMF Beta antibody (CL488-60062, Clone: 3B10A2) at dilution of 1:200.