

For Research Use Only

# CoraLite® Plus 488-conjugated GMF Beta Monoclonal antibody



Catalog Number:CL488-60062

## Basic Information

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

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : U-87 MG cells,
<b>Species Specificity:</b> 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**

\*\*\* 20ul sizes contain 0.1% BSA

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.