

For Research Use Only

CoraLite® Plus 488-conjugated GMF Beta Monoclonal antibody



Catalog Number: CL488-60062

Basic Information

Catalog Number:

CL488-60062

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG1104

GenBank Accession Number:

BC005359

GeneID (NCBI):

2764

UNIPROT ID:

P60983

Full Name:

glia maturation factor, beta

Calculated MW:

17 kDa

Observed MW:

17 kDa

Purification Method:

Protein G purification

CloneNo.:

3B10A2

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, pig

Positive Controls:

IF/ICC : U-87 MG cells,

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:

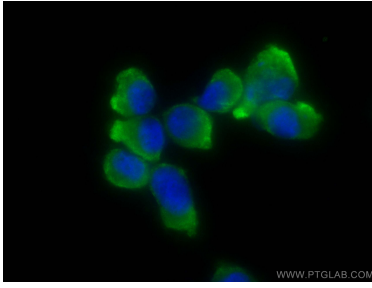
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.