For Research Use Only

## CoraLite® Plus 488-conjugated GMF Beta Monoclonal antibody



Catalog Number: CL488-60062

Basic Information

Catalog Number: GenBank Accession Number: Purification Method: Protein G purification

Size: GeneID (NCBI): CloneNo.: 100ul , Concentration: 1000 µg/ml by 2764 3B10A2

anodrop; Full Name: Recommended Dilutions:

Source: glia maturation factor, beta IF 1:50-1:500

Mouse Calculated MW: Excitation/Emission maxima

 Isotype:
 17 kDa
 wavelengths:

 IgG1
 Observed MW:
 493 nm / 522 nm

IgG1 Observed MW:
Immunogen Catalog Number: 17 kDa

AG1104

Applications

Tested Applications:

IF

Positive Controls:

IF: 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:

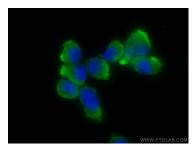
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

## 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.