

For Research Use Only

CoraLite® Plus 488-conjugated GEMIN8 Monoclonal antibody



Catalog Number: **CL488-67871**

Basic Information

Catalog Number:

CL488-67871

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6774

GenBank Accession Number:

BC003607

GeneID (NCBI):

54960

UNIPROT ID:

Q9NWZ8

Full Name:

gem (nuclear organelle) associated protein 8

Calculated MW:

29 kDa

Purification Method:

Protein G purification

CloneNo.:

1A6B4

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima wavelenghts:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, mouse, rat

Positive Controls:

IF : HepG2 cells,

Background Information

GEMIN8, also named as FAM51A1 and Gemin-8, is associated with the SMN complex and is localized in the cytoplasm and in the nucleus, where it is highly concentrated in Gems. Gemin6, Gemin7, and Unrip form a stable cytoplasmic complex whose association with SMN requires Gemin8. Gemin8 binds directly to SMN and mediates its interaction with the Gemin6/Gemin7 heterodimer. This antibody recognize GEMIN8(28-32kd) only.

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:

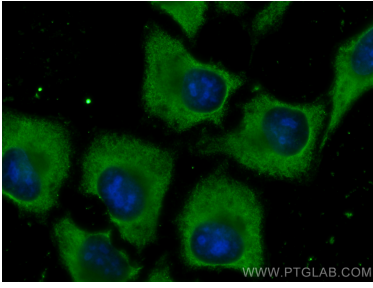
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 GEMIN8 antibody (CL488-67871, Clone: 1A6B4) at dilution of 1:200.