

For Research Use Only

CoraLite® Plus 488-conjugated GEMIN8 Monoclonal antibody

Catalog Number: CL488-67871



Basic Information

Catalog Number: CL488-67871	GenBank Accession Number: BC003607	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 54960	CloneNo.: 1A6B4
Source: Mouse	UNIPROT ID: Q9NWZ8	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: gem (nuclear organelle) associated protein 8	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG6774	Calculated MW: 29 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: Human, mouse, rat	

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.

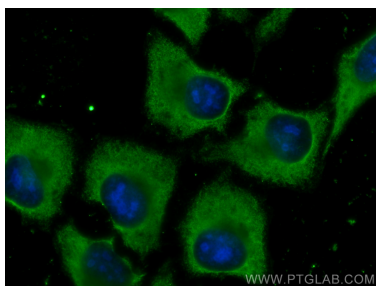
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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.