

For Research Use Only

CoraLite® Plus 488-conjugated GNB3 Monoclonal antibody

Catalog Number: CL488-67497



Basic Information

Catalog Number: CL488-67497	GenBank Accession Number: BC002454	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2784	CloneNo.: 2B6E1
Source: Mouse	UNIPROT ID: P16520	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: guanine nucleotide binding protein (G protein), beta polypeptide 3	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG7050	Calculated MW: 37 kDa	
	Observed MW: 35-37 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: Human, Mouse, Rat, Pig	

Background Information

Guanine nucleotide-binding proteins (g proteins) are involved as a modulator or transducer in various transmembrane signaling systems, by integrating signals between receptors and effector proteins. G proteins are composed of an alpha, a beta, and a gamma subunit. This gene encodes a 34 kd beta subunit, being expressed in all tissues. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors.

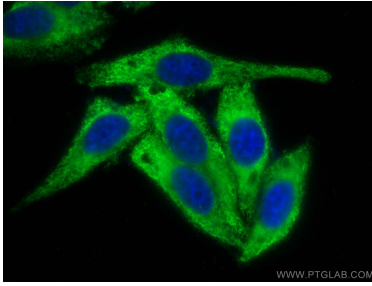
Storage

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
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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 GNB3 antibody (CL488-67497, Clone: 2B6E1) at dilution of 1:200.