

For Research Use Only

CoraLite® Plus 488-conjugated GNB3 Monoclonal antibody



Catalog Number: CL488-67497

Basic Information

Catalog Number:

CL488-67497

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7050

GenBank Accession Number:

BC002454

GeneID (NCBI):

2784

UNIPROT ID:

P16520

Full Name:

guanine nucleotide binding protein (G protein), beta polypeptide 3

Calculated MW:

37 kDa

Observed MW:

35-37 kDa

Purification Method:

Protein G purification

CloneNo.:

2B6E1

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, Mouse, Rat, Pig

Positive Controls:

IF : HepG2 cells,

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:

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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.