For Research Use Only

CoraLite® Plus 488-conjugated GNB3 Monoclonal antibody

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

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/ICC 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/ICC : HepG2 cells,

Background Information

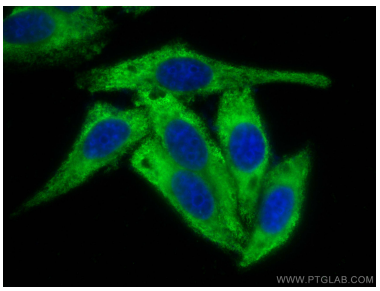
Guanine nucleotide-binding proteins (g proteins) are involved as a modulator or transducer in various transmembrane signaling systems, by integrating signals between receptors and effector proteins. G proteins are composed of an alpha, a beta, and a gamma subunit. This gene encodes a 34 kd beta subunit, 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:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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.