

For Research Use Only

CoraLite® Plus 488-conjugated FNTB Monoclonal antibody



Catalog Number: CL488-66783

Featured Product

Basic Information

Catalog Number: CL488-66783	GenBank Accession Number: BC020232	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2342	CloneNo.: 1F3B10
Source: Mouse	Full Name: farnesyltransferase, CAAX box, beta	Recommended Dilutions: IF 1:200-1:800
Isotype: IgG1	Calculated MW: 437 aa, 49 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG27796	Observed MW: 44-45 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : A431 cells,
Species Specificity: Human, mouse	

Background Information

FNTB is the catalytic β subunit of farnesyltransferase which is an alpha/beta heterodimeric enzyme attaching a farnesyl group to a single cysteine in several cellular proteins like RAS and facilitating their translocation from the cytoplasm to the plasma membrane. Farnesyltransferase inhibitors have been developed as ant-tumor agents. FNTB is required for the homeostasis of skin keratinocytes.

Storage

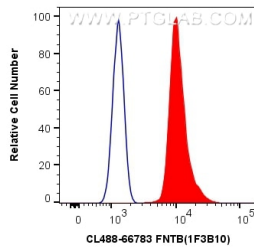
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

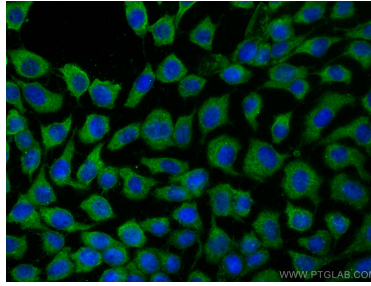
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1X10⁶ A431 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human FNTB (CL488-66783, Clone:1F3B10) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using CoraLite® Plus 488 FNTB antibody (CL488-66783, Clone: 1F3B10) at dilution of 1:400.