

For Research Use Only

# CoraLite® Plus 488-conjugated FNTB

## Monoclonal antibody



Catalog Number: **CL488-66783**

Featured Product

### Basic Information

Catalog Number:

CL488-66783

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG27796

GenBank Accession Number:

BC020232

GeneID (NCBI):

2342

UNIPROT ID:

P49356

Full Name:

farnesyltransferase, CAAX box, beta

Calculated MW:

437 aa, 49 kDa

Observed MW:

44-45 kDa

Purification Method:

Protein G purification

CloneNo.:

1F3B10

Recommended Dilutions:

IF/ICC 1:200-1:800

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

### Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse

Positive Controls:

IF/ICC : A431 cells,

### Background Information

FNTB is the catalytic  $\beta$  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

For technical support and original validation data for this product please contact:

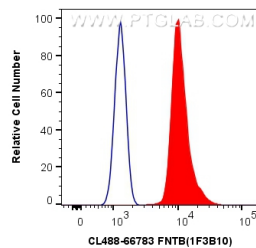
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

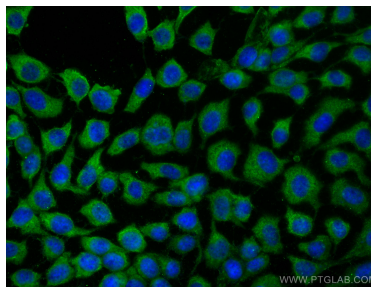
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1X10<sup>6</sup> 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.