

For Research Use Only

# CoraLite®594-conjugated FNTB Monoclonal antibody



Catalog Number: CL594-66783

Featured Product

## Basic Information

<b>Catalog Number:</b> CL594-66783	<b>GenBank Accession Number:</b> BC020232	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2342	<b>CloneNo.:</b> 1F3B10
<b>Source:</b> Mouse	<b>Full Name:</b> farnesyltransferase, CAAX box, beta	<b>Recommended Dilutions:</b> IF 1:200-1:800
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 437 aa, 49 kDa	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG27796	<b>Observed MW:</b> 44-45 kDa	

## Applications

<b>Tested Applications:</b> FC, IF	<b>Positive Controls:</b> IF : A431 cells,
<b>Species Specificity:</b> Human, mouse	

## 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

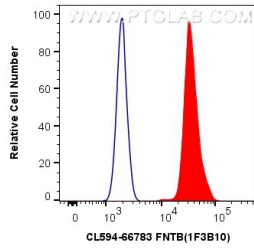
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

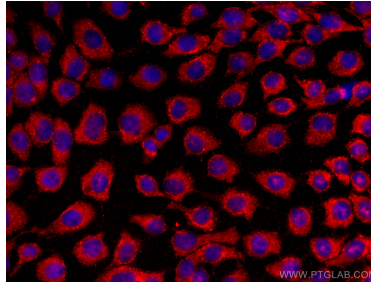
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

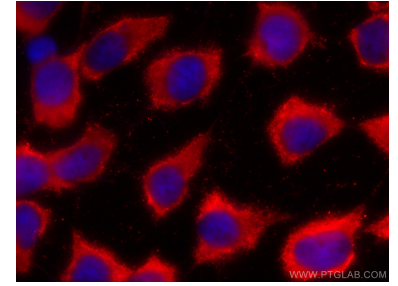
## Selected Validation Data



$1 \times 10^6$  A431 cells were intracellularly stained with 0.4  $\mu$ g CoraLite®594 Anti-Human FNTB (CL594-66783, Clone:1F3B10) (red), or 0.4  $\mu$ g 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®594 FNTB antibody (CL594-66783, Clone: 1F3B10) at dilution of 1:400.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using CoraLite®594 FNTB antibody (CL594-66783, Clone: 1F3B10) at dilution of 1:400.