

For Research Use Only

FNTB Monoclonal antibody

Catalog Number: 66783-1-Ig **Featured Product**



Basic Information

Catalog Number: 66783-1-Ig	GenBank Accession Number: BC020232	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2342	CloneNo.: 1F3B10
Source: Mouse	Full Name: farnesyltransferase, CAAX box, beta	Recommended Dilutions: WB 1:1000-1:4000 IF 1:400-1:1600
Isotype: IgG1	Calculated MW: 437 aa, 49 kDa	
Immunogen Catalog Number: AG27796	Observed MW: 44-45 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: Human, mouse	WB : NIH/3T3 cells, HEK-293 cells, HepG2 cells, HeLa cells
	IF : A431 cells,

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.

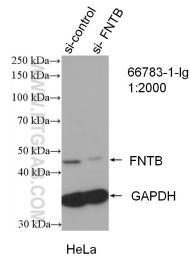
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

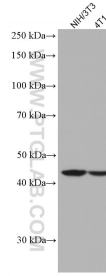
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

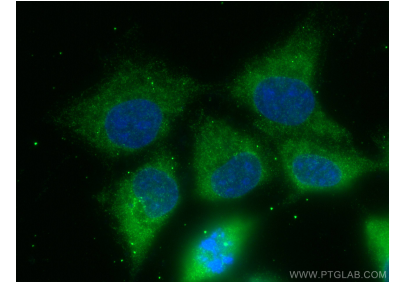
Selected Validation Data



WB result of FNTB antibody (66783-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FNTB transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 66783-1-Ig (FNTB antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using FNTB antibody (66783-1-Ig, Clone: 1F3B10) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).