

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: 1000 µg/ml	GeneID (NCBI): 2342	CloneNo.: 1F3B10
Source: Mouse	UNIPROT ID: P49356	Recommended Dilutions: WB 1:1000-1:4000 IF 1:400-1:1600
Isotype: IgG1	Full Name: farnesyltransferase, CAAX box, beta	
Immunogen Catalog Number: AG27796	Calculated MW: 437 aa, 49 kDa	
	Observed MW: 44-45 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls:
Species Specificity: Human, mouse	WB : NIH/3T3 cells, HEK-293 cells, HepG2 cells, HeLa cells, K-562 cells, 4T1 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:

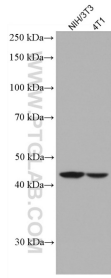
T: 4006900926

E: Proteintech-CN@ptglab.com

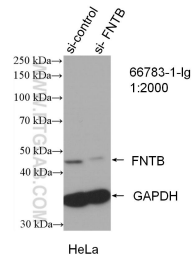
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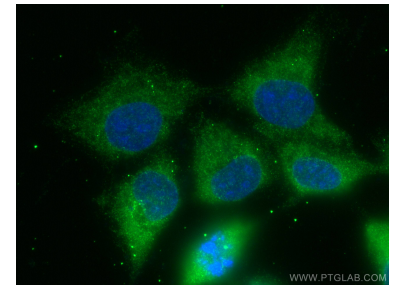
Selected Validation Data



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.



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.



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).