

For Research Use Only

Filamin A Recombinant monoclonal antibody

Catalog Number:86959-3-RR



Basic Information

Catalog Number: 86959-3-RR	GenBank Accession Number: BC014654	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2316	CloneNo.: 252084C12
Source: Rabbit	UNIPROT ID: P21333	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:500-1:2000
Isotype: IgG	Full Name: filamin A, alpha (actin binding protein 280)	
Immunogen Catalog Number: AG1581	Calculated MW: 2647 aa, 280 kDa	
	Observed MW: 280 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HepG2 cells, Jurkat cells, MCF-7 cells, NIH/3T3 cells IF/ICC : HeLa cells,

Background Information

FLNA encodes a 280 kDa widely expressed actin binding protein called filamin A which can crosslinks actin filaments and links actin filaments to membrane glycoproteins to form a three-dimensional network (PMID:29931263). And filamin A could interact with many other proteins, involved in receptor activation, cell migration and adhesion, cell proliferation, inflammation and tumorigenesis, studies have been reported that FLNA overexpressed in multiple types of tumors, suggesting FLNA may involved in cancer aggressiveness(PMID:29100390). What's more, FLNA is an causative gene of periventricular nodular heterotopia (PNH) (PMID: 29062687)

Storage

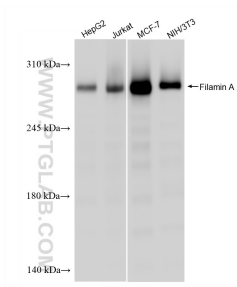
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

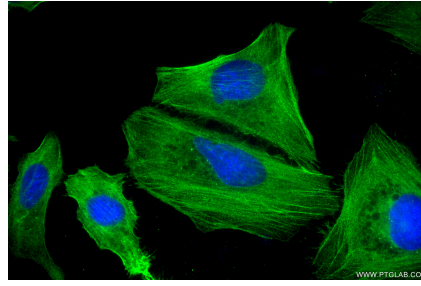
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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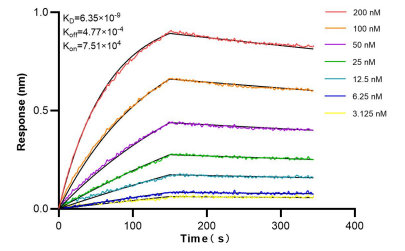
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86959-3-RR (FLNA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Filamin A antibody (86959-3-RR, Clone: 252084C12) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 86959-3-RR against Human Filamin A were performed. The affinity constant is 6.35 nM.