

For Research Use Only

FLNA Monoclonal antibody, PBS Only



Catalog Number: 67133-1-PBS

Basic Information

Catalog Number: 67133-1-PBS	GenBank Accession Number: BC014654	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2316	CloneNo.: 1G4H3
Source: Mouse	UNIPROT ID: P21333	
Isotype: IgG2a	Full Name: filamin A, alpha (actin binding protein 280)	
Immunogen Catalog Number: AG23291	Calculated MW: 2647 aa, 280 kDa	
	Observed MW: 280 kDa	

Applications

Tested Applications:
WB, IF, IHC, ELISA

Species Specificity:
Human

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 a causative gene of periventricular nodular heterotopia (PNH) (PMID: 29062687)

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only

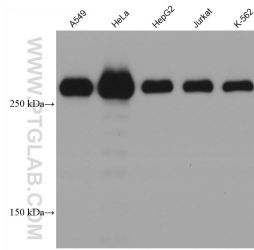
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

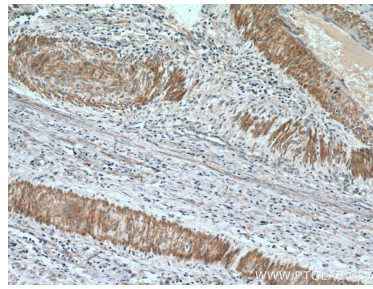
E: proteintech@ptglab.com
W: ptglab.com

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

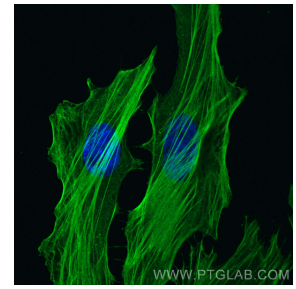
Selected Validation Data



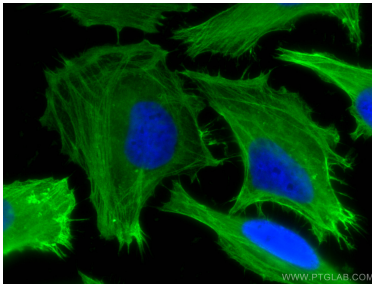
Various lysates were subjected to SDS PAGE followed by western blot with 67133-1-Ig (FLNA antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67133-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 67133-1-Ig (FLNA antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67133-1-PBS in a different storage buffer formulation.



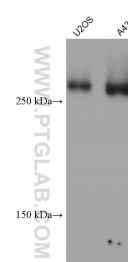
Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using FLNA antibody (67133-1-Ig, Clone: 1G4H3) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67133-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using FLNA antibody (67133-1-Ig, Clone: 1G4H3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67133-1-PBS in a different storage buffer formulation.



MCF-7 cells were subjected to SDS PAGE followed by western blot with 67133-1-Ig (FLNA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67133-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 67133-1-Ig (FLNA antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67133-1-PBS in a different storage buffer formulation.