

For Research Use Only

# CoraLite® Plus 488-conjugated FLNA Monoclonal antibody

Catalog Number: CL488-67133



## Basic Information

### Catalog Number:

CL488-67133

### Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

### Source:

Mouse

### Isotype:

IgG2a

### Immunogen Catalog Number:

AG23291

### GenBank Accession Number:

BC014654

### GeneID (NCBI):

2316

### UNIPROT ID:

P21333

### Full Name:

filamin A, alpha (actin binding protein 280)

### Calculated MW:

2647 aa, 280 kDa

### Observed MW:

280 kDa

### Purification Method:

Protein A purification

### CloneNo.:

1G4H3

### Recommended Dilutions:

IF/ICC 1:50-1:500

### Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

### Tested Applications:

IF/ICC

### Species Specificity:

Human

### Positive Controls:

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. 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

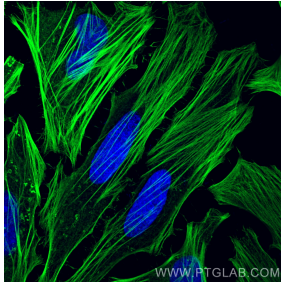
For technical support and original validation data for this product please contact:

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

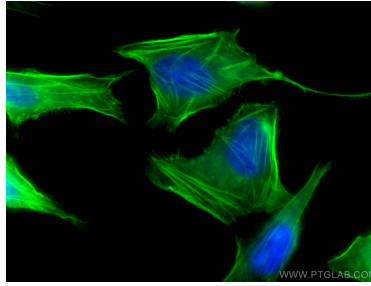
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 488 FLNA antibody (CL488-67133, Clone: 1G4H3 ) at dilution of 1:200.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488-conjugated FLNA antibody (CL488-67133, Clone: 1G4H3 ) at dilution of 1:400.