

For Research Use Only

CoraLite®594-conjugated FLNA Monoclonal antibody



Catalog Number:CL594-67133

Basic Information

Catalog Number:

CL594-67133

Size:

1000 µg/ml

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 1:200-1:800

Excitation/Emission maxima wavelengths:

588 nm / 604 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 a 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:

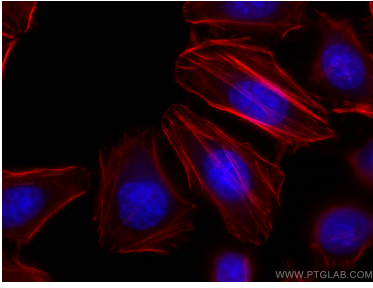
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite®594-conjugated FLNA antibody (CL594-67133, Clone: 1G4H3) at dilution of 1:400.