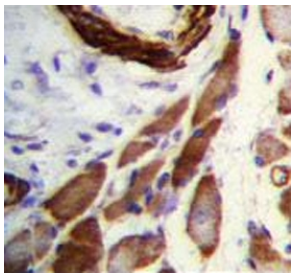
Filamin A Antibody / FLNA (F54947)

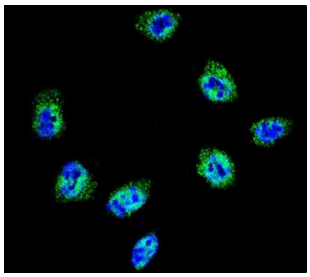
Catalog No.	Formulation	Size
F54947-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54947-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

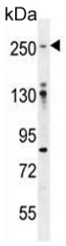
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P21333
Localization	Cytoplasmic
Applications	Flow cytometry: 1:10-1:50 (1x10e6 cells) Immunofluorescence: 1:10-1:50 Immunohistochemistry (FFPE): 1:10-1:50 Western blot: 1:500-1:1000
Limitations	This Filamin A antibody is available for research use only.



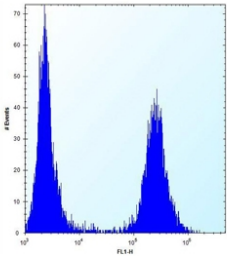
IHC testing of FFPE human skeletal muscle tissue with Filamin A antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of human HeLa cells with Filamin A antibody (green) and DAPI nuclear stain (blue).



Western blot testing of human U-251 cell lysate with Filamin A antibody. Predicted molecular weight ~281 kDa.



Flow cytometry testing of human U-251 cells with Filamin A antibody; Left=isotype control, Right= Filamin A antibody.

Description

Actin-binding protein 280, or filamin, is a 280-kD protein that crosslinks actin filaments into orthogonal networks in cortical cytoplasm and participates in the anchoring of membrane proteins for the actin cytoskeleton. Remodeling of the cytoskeleton is central to the modulation of cell shape and migration. Filamin A, encoded by the FLNA gene, is a widely expressed protein that regulates reorganization of the actin cytoskeleton by interacting with integrins, transmembrane receptor complexes, and second messengers.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Filamin A antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1025-1054 from the human protein was used as the immunogen for the Filamin A antibody.

Storage

Aliquot the Filamin A antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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