

Filamin A Rabbit mAb

Catalog No: #48617



Package Size: #48617-1 50ul #48617-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

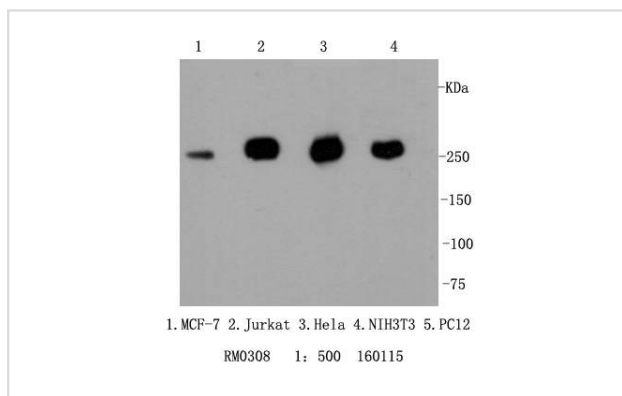
Description

Product Name	Filamin A Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SA30-08
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	ABP 280 antibody ABP-280 antibody Actin-binding protein 280 antibody Alpha filamin antibody Alpha-filamin antibody APBX antibody CSBS antibody CVD1 antibody Endothelial actin binding protein antibody Endothelial actin-binding protein antibody Filamin 1 antibody Filamin A alpha antibody Filamin A antibody Filamin-1 antibody Filamin-A antibody FLN antibody FLN-A antibody FLN1 antibody FLNA antibody FLNA_HUMAN antibody FMD antibody MNS antibody NHBP antibody Non muscle filamin antibody Non-muscle filamin antibody OPD antibody OPD1 antibody OPD2 antibody XLVD antibody XMVD antibody
Accession No.	Swiss-Prot#:P21333
Uniprot	P21333
GeneID	2316;
Calculated MW	281 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

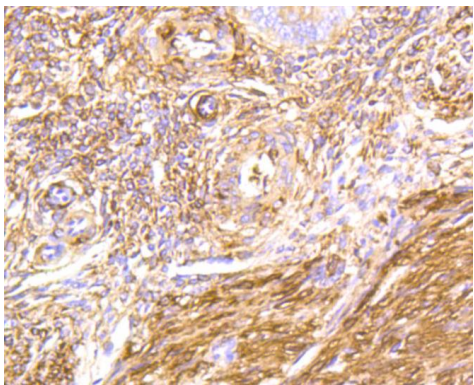
Application Details

WB: 1:1,000-5,000 IHC: 1:50-1:400 ICC: 1:50-1:200 FC: 1:10-1:100

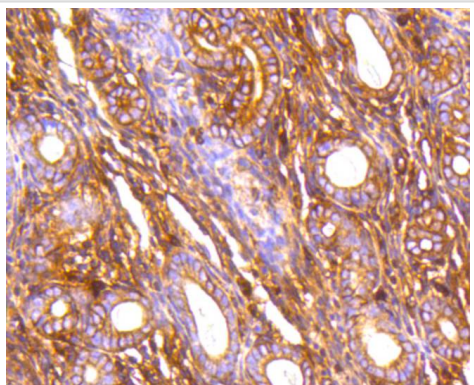
Images



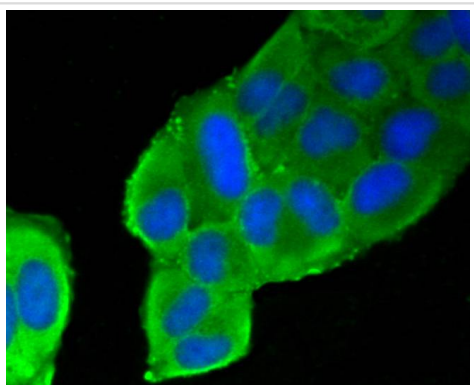
Western blot analysis of Filamin A on different cell lysates using anti-Filamin A antibody at 1/1,000 dilution. Positive control: Lane 1: MCF-7 Lane 2: Jurkat Lane 3: HeLa Lane 4: NIH/3T3



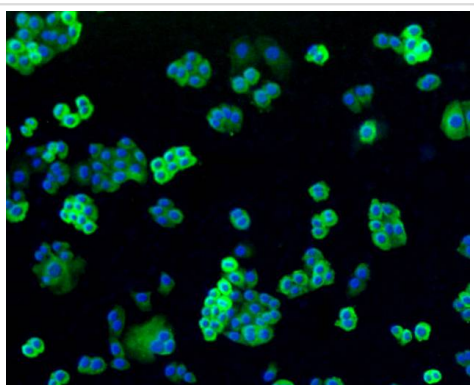
Immunohistochemical analysis of paraffin-embedded human uterus tissue using anti-Filamin A antibody. Counter stained with hematoxylin.



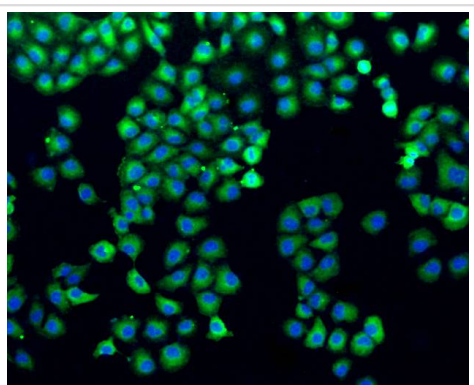
Immunohistochemical analysis of paraffin-embedded mouse uterus tissue using anti-Filamin A antibody. Counter stained with hematoxylin.



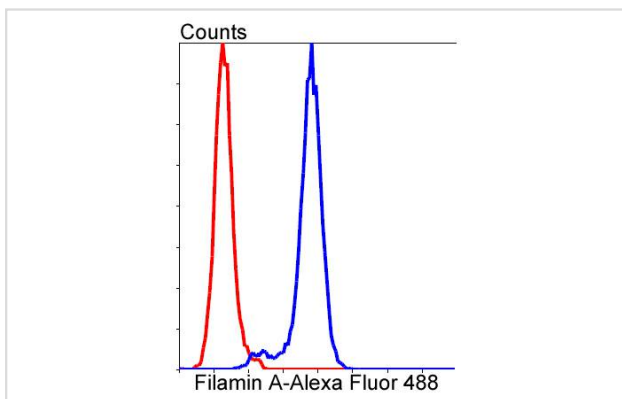
ICC staining Filamin A in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Filamin A in Ags cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Filamin A in HUVEC cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of HeLa cells with Filamin A antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

Background

Caldesmon, Filamin 1, Nebulin and Villin are differentially expressed and regulated Actin binding proteins. Both muscular (CDh) and non-muscular (CDI) forms of Caldesmon have been identified and each has been shown to bind to Actin as well as to calmodulin and Myosin. CDh is expressed predominantly on thin filaments in smooth muscle, whereas CDI is widely expressed in non-muscle tissues and cells. Filamin 1, which is ubiquitously expressed and exists as a homodimer, functions to crosslink Actin to filaments. Nebulin is a large filamentous protein specific to muscle tissue that may function as a ruler for filament length. Several isoforms of Nebulin are produced by alternative exon usage. Villin is Ca²⁺-regulated and is the major structural component of the brush border of absorptive cells.

References

Note: This product is for in vitro research use only