

## Fascin Rabbit mAb

Catalog No: #49611

Package Size: #49611-1 50ul #49611-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

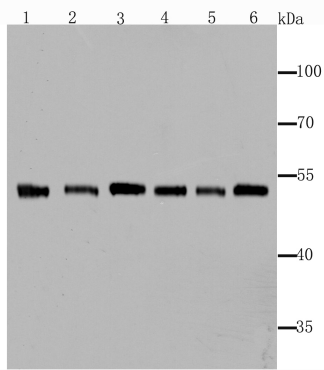
## Description

Product Name	Fascin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JM12-53
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, IP, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	55 kDa actin bundling protein antibody 55 kDa actin-bundling protein antibody Actin bundling protein antibody actin bundling protein, 55-KD antibody FAN 1 antibody FAN1 antibody Fascin 1 antibody Fascin actin bundling protein 1 antibody Fascin antibody Fascin homolog 1 actin bundling protein (Strongylocentrotus purpuratus) antibody Fascin homolog 1 antibody Fascin, sea urchin, homolog of, 1 antibody Fascin1 antibody FLJ38511 antibody FSCN 1 antibody FSCN1 antibody FSCN1_HUMAN antibody HSN antibody p55 antibody Singed (Drosophila) like (sea urchin fascin homolog like) antibody Singed drosophila homolog like antibody Singed like (fascin homolog sea urchin) (Drosophila) antibody Singed like (fascin homolog sea urchin) antibody Singed like protein antibody Singed, drosophila, homolog of antibody Singed-like protein antibody SNL antibody Strongylocentrotus purpuratus antibody
Accession No.	Swiss-Prot#:Q16658
Uniprot	Q16658
GeneID	6624;
Calculated MW	54 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

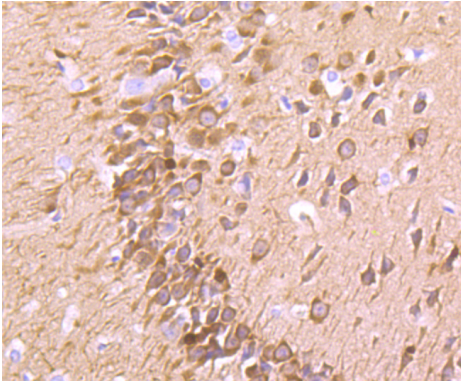
## Application Details

WB: 1:500-1:1,000 IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:50-1:100

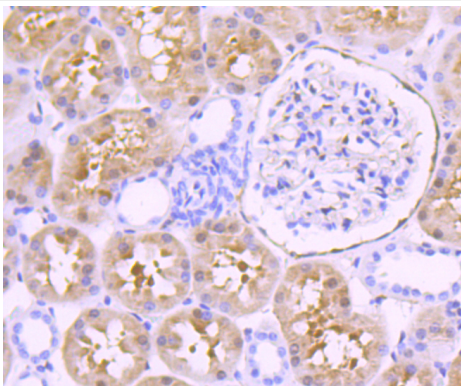
## Images



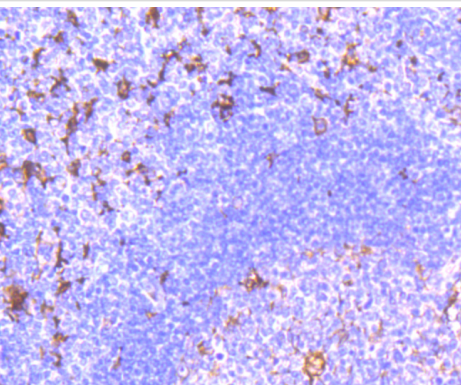
Western blot analysis of Fascin on different lysates using anti-Fascin antibody at 1/1,000 dilution. Positive control  $\Omega\frac{1}{2}\Omega\frac{1}{2}$   
 Lane1: SH-SY5Y  
 Lane2: Human brain  
 Lane3: Rat spleen  
 Lane4: Mouse testes  
 Lane5: Mouse brain  
 Lane6: Mouse spleen



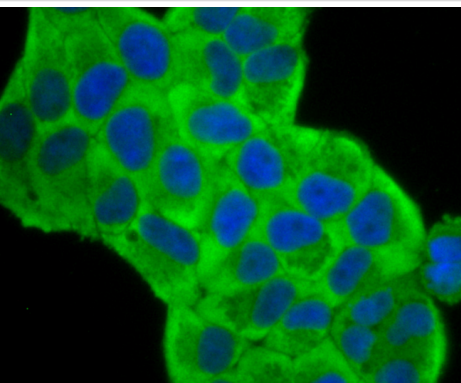
Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-Fascin antibody. Counter stained with hematoxylin.



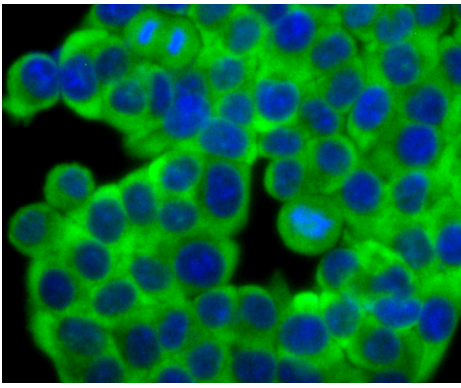
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Fascin antibody. Counter stained with hematoxylin.



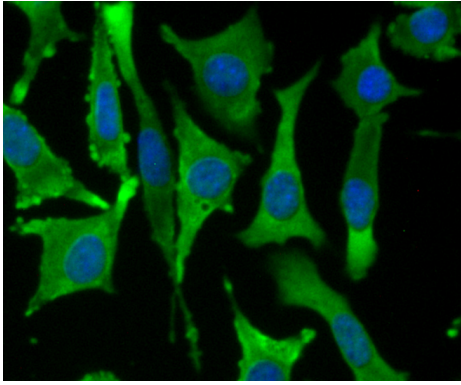
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Fascin antibody. Counter stained with hematoxylin.



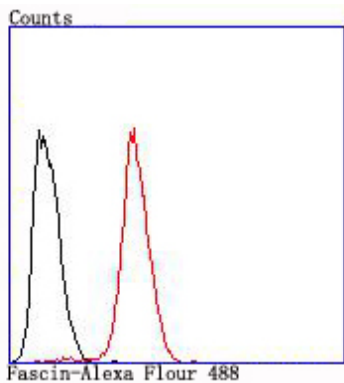
ICC staining Fascin in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Fascin in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Fascin in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of HeLa cells with Fascin antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).

## Background

Cell adhesion to extracellular matrix is an important physiological stimulus for organization of the Actin-based cytoskeleton. Adhesion to the matrix glycoprotein Thrombospondin 1 triggers the sustained formation of F-Actin microspikes that contain the Actin-bundling protein Fascin. These structures are also implicated in cell migration, which may be an important function of Thrombospondin 1 in tissue remodelling and wound repair. Fascin bundles Actin microfilaments within dynamic cellular structures such as microspikes, stress fibers and membrane ruffles. Fascin could serve as a prognostic factor for abnormal ovarian epithelial pathology and could be a novel target for the treatment of ovarian cancer. Fascin, an Actin-bundling protein, identifies dendritic cells in the blood and in tissues.

## References

Note: This product is for in vitro research use only