

## Syntenin Rabbit mAb

Catalog No: #49977

Package Size: #49977-1 50ul #49977-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

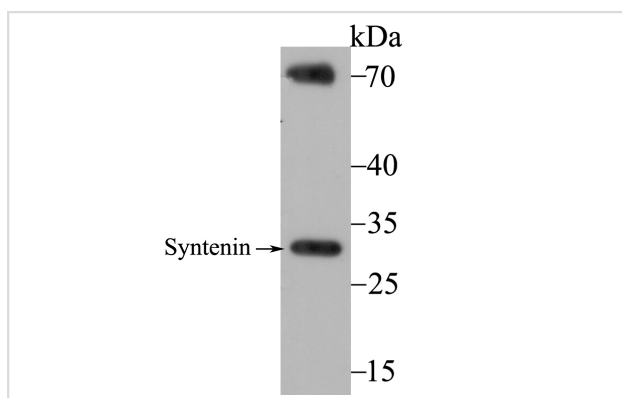
## Description

Product Name	Syntenin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JE40-72
Purification	ProA affinity purified
Applications	WB,ICC,IF,IHC,FC,IP
Species Reactivity	Hu
Immunogen Description	Recombinant protein within human Syntenin aa 1-200.
Other Names	MDA-9 antibody MDA9 antibody Melanoma differentiation-associated protein 9 antibody Pro-TGF-alpha cytoplasmic domain-interacting protein 18 antibody Scaffold protein Pbp1 antibody SDCB1_HUMAN antibody SDCBP antibody ST1 antibody SYCL antibody Syndecan binding protein (syntenin) antibody Syndecan binding protein 1 antibody Syndecan-binding protein 1 antibody Syntenin 1 antibody Syntenin-1 antibody TACIP18 antibody
Accession No.	Swiss-Prot#:O00560
Uniprot	O00560
GeneID	6386;
Calculated MW	32 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

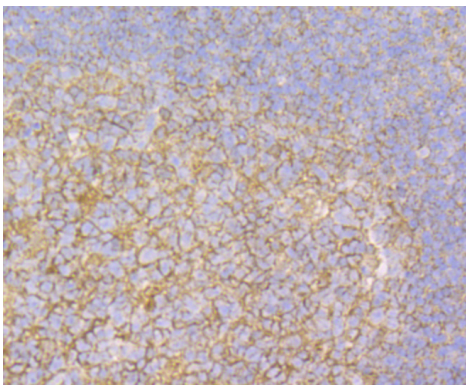
## Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200 ICC/IF: 1:50-1:200IP: 1:10-1:50 FC: 1:50-1:200

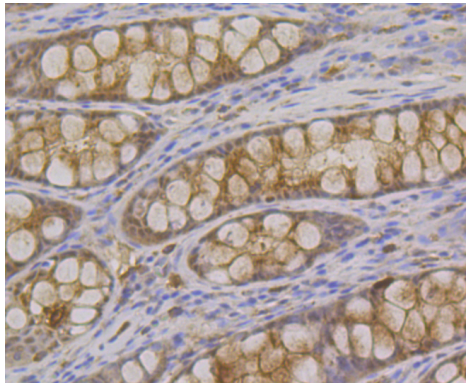
## Images



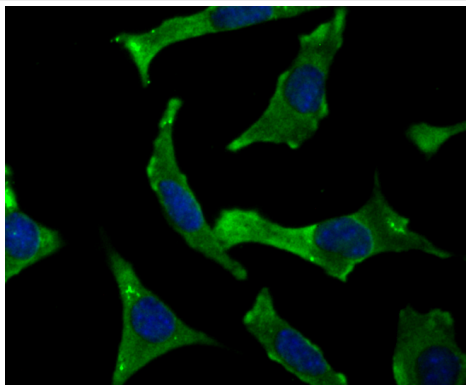
Western blot analysis of Syntenin on A549 cell using anti-Syntenin antibody at 1/2,000 dilution.



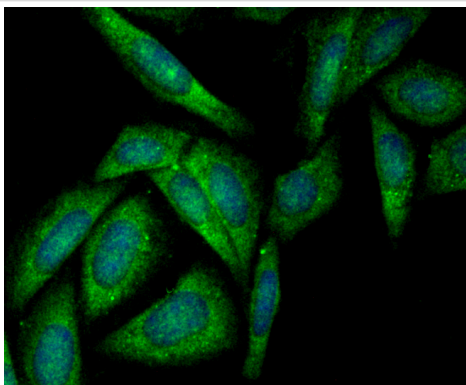
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Syntenin antibody. Counter stained with hematoxylin.



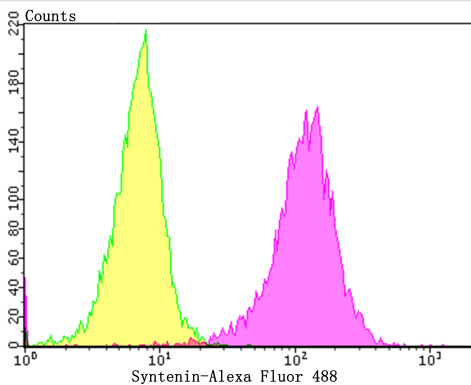
Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-Syntenin antibody. Counter stained with hematoxylin.



ICC staining Syntenin in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Syntenin in SiHa 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 A549 cells with Syntenin antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

## Background

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Syntenin-1 (also known as syntenin, syndecan binding protein, melanoma differentiation-associated protein 9 or proTGF-alpha cytoplasmic domain-interacting protein 18) is a protein that binds to the cytoplasmic domains of the syndecans in yeast 2-hybrid screens and other assays. Syntenin-1 contains a tandem repeat of PDZ domains that reacts with the FYA (phe-tyr-ala) carboxy-terminal amino acid sequence of the syndecans. It may function as an adaptor that couples syndecans to cytoskeletal proteins or cytosolic downstream signal-effectors. Syntenin-1 colocalizes and interacts specifically with immature, intracellular forms of proTGF-alpha. It is a human gamma interferon responsive protein. Syntenin-1 contains PSD-95/Discs large/zO-1 (PDZ) domains and associates with the cytoplasmic tail of the IL-5Ralpha. It directly associates with the transcription factor Sox-4. The PDZ proteins PICK1, GRIP, ABP and syntenin-1 bind multiple glutamate receptor subtypes.

## References

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Note: This product is for in vitro research use only