

Anti-SDCBP Antibody (1Q650)

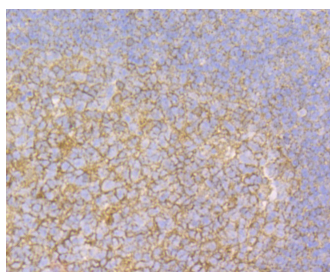
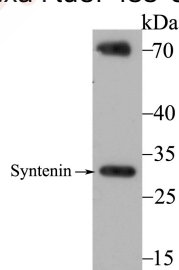
Product Details

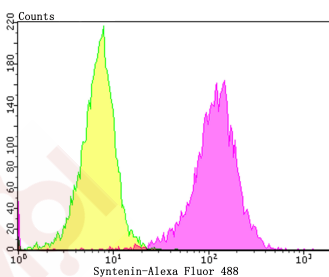
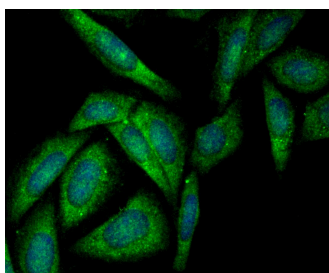
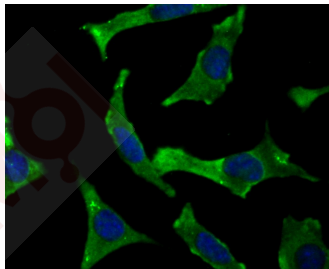
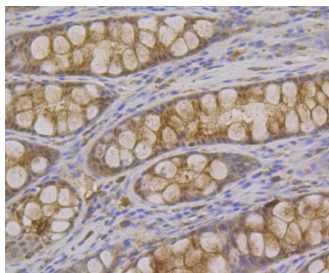
Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 32 kDa.
Clone:	1Q650
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of Syntenin on A549 cell using anti-Syntenin antibody at 1/2,000 dilution.
2. Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Syntenin antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-Syntenin antibody. Counter stained with hematoxylin.
4. 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.
5. 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.
6. 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.





Application: FCM, ICC, IF, IHC, IP, WB

Recommended WB: 1:500-2000; IHC: 1:50-200; ICC: IF: 1:50-200; IP: 1:10-50; FCM: 1:50-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: human Syntenin aa 1-200

Antigen Species: Human

Uniprot ID: O00560

Synonyms: MDA-9; syndecan binding protein (syntenin); ST1; MDA9; TACIP18; SYCL

Research Background

Syntenin-1 (also known as syntenin, syndecan binding protein, melanoma differentiation-associated protein 9 or proTGF- α 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

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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- α . 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-5R α . It directly associates with the transcription factor Sox-4. The PDZ proteins PICK1, GRIP, ABP and syntenin-1 bind multiple glutamate receptor subtypes.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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