

## Syntenin monoclonal antibody

Catalog: MB66524

Host: Mouse

Reactivity: Human

### BackGround:

Syntenin-1 (MDA9, SDCBP) is a member of the PDZ family of proteins, defined by the presence of a PDZ protein interaction domain. Syntenin-1, via its PDZ domain, functions as a scaffold adaptor protein that regulates numerous signal transduction pathways, including FAK, Src, TGF $\beta$ R1, EGFR, and IGF1R. Aberrantly elevated expression of syntenin-1 has been found in various cancers, and has been linked to growth and invasion of tumor cells. In the central nervous system, syntenin-1 has been shown to mediate neuron dendrite protrusion and spine formation through its interaction with syndecan and Rheb. Syntenin-1 is also a key component of the syndecan/syntenin/ALIX pathway which has been shown to directly contribute to the formation and internalization of exosomes.

### Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

### Molecular Weight:

~ 30 kDa

### Swiss-Prot:

O00560

### Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

### Applications:

WB (1/500 - 1/1000)

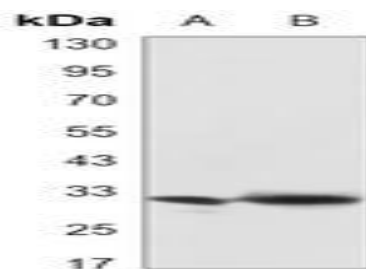
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Recognizes endogenous levels of Syntenin protein.

### DATA:



Western blot analysis of Syntenin expression in HeLa (A), HeLa (B) whole cell lysates.

### Note:

For research use only, not for use in diagnostic procedure.

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