

## SDCBP (Syntenin) mouse monoclonal antibody,

Catalog: MB4016

Host: Mouse

Reactivity: Human, Mouse, Rat

### 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:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 32 kDa

### Swiss-Prot:

O00560

### Purification&Purity:

The antibody was affinity-purified from mouse ascites fluids or tissue culture supernatant by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB 1:500~2000, IHC 1:150

### Storage&Stability:

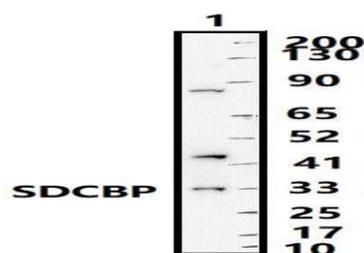
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

### Isotype:

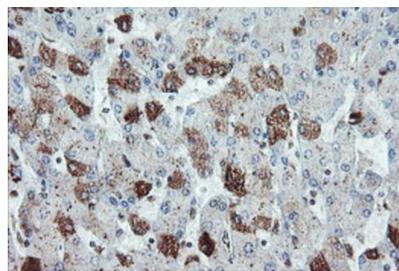
IgG1

### DATA:



Western blot (WB) analysis of SDCBP (Syntenin) mouse monoclonal antibody at 1:500 dilution.

Lane1:A549 whole cell lysate(30ug)



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-SDCBP mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 °C for 10min)

### Note:

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

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