



Syntenin

Mouse monoclonal Antibody

#53114

Catalog Number: 53114

Amount: 100µg/100µl

Swiss-Prot No. : O00560

Gene name: sdcbp

Gene id: 6386

Clone Number: 3D9-G9-H4

Form of Antibody: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

Storage/Stability: Store at -20°C/1 year

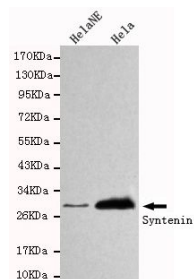
Immunogen: Purified recombinant human Syntenin protein fragments expressed in E.coli

Purification: affinity-chromatography

Specificity/Sensitivity: This antibody detects endogenous levels of Syntenin and does not cross-react with related proteins

Reactivity: Human,

Applications: Predicted MW: 32kd WB: 1:1000



Western blot detection of Syntenin in HeLaNE and HeLa cell lysates using Syntenin mouse mAb (1:1000 diluted). Predicted band size: 32KDa. Observed band size: 32KDa.

Background:

The protein encoded by this gene was initially identified as a molecule linking syndecan-mediated signaling to the cytoskeleton. The syntenin protein contains tandemly repeated PDZ domains that bind the cytoplasmic, C-terminal domains of a variety of transmembrane proteins. This protein may also affect cytoskeletal-membrane organization, cell adhesion, protein trafficking, and the activation of transcription factors. The protein is primarily localized to membrane-associated adherens junctions and focal adhesions but is also found at the endoplasmic reticulum and nucleus. Alternative splicing results in multiple transcript variants encoding different isoforms.