Recombinant DGRmAb®

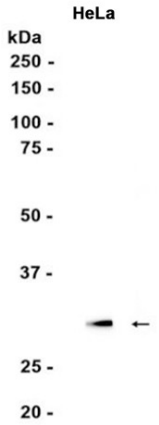
Syntenin (DGR15736) Rabbit mAb (PBS Only)

db15001-PBS **Package : 10μg 100μg**

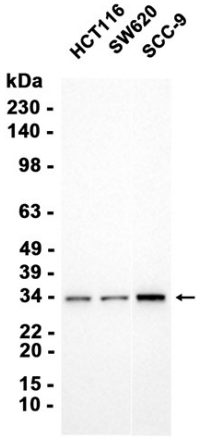
Product Name : Syntenin (DGR15736) Rabbit mAb (PBS Only)
Cat.No.: db15001-PBS
Synonyms : ST1; MDA9; SYCL; MDA-9; TACIP18
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human
Host species : Rabbit

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. Related pseudogenes have been identified on multiple chromosomes. [provided by RefSeq, Jan 2017]
Immunogen	A synthetic peptide of human Syntenin
Gene ID	6386
Swiss Prot	O00560
Synonyms	ST1; MDA9; SYCL; MDA-9; TACIP18
Reactivity	Human
Application	WB, IHC-P, ICC/IF, FC, IP
Calculated MW	32 kDa
Observed MW	32 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR15736
Isotype	IgG
Purity	Affinity Purification

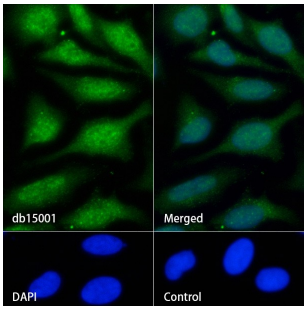
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa cells using db15001 at 1:1000.



Western blot analysis of extracts from HCT116, SW620, SCC-9 cells using db15001 at 1:3000.



Immunofluorescence analysis of HeLa cells labelling Syntenin with db15001.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db15001 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.