

For Research Use Only

Syntenin-1 Monoclonal antibody

Catalog Number: 68096-1-Ig **1 Publications**



Basic Information

Catalog Number: 68096-1-Ig	GenBank Accession Number: BC113674	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 6386	CloneNo.: 2B1A9
Source: Mouse	UNIPROT ID: O00560	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:250-1:1000
Isotype: IgG1	Full Name: syndecan binding protein (syntenin)	
Immunogen Catalog Number: AG18078	Calculated MW: 298 aa, 32 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HeLa cells, U2OS cells, HEK-293 cell, Jurkat cells IHC : human malignant melanoma tissue,
Cited Applications: WB	
Species Specificity: Human	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Syntenin-1, also known as SDCBP (syndecan binding protein) and MDA-9 (melanoma differentiation-associated protein 9), was initially identified as a molecule linking syndecan-mediated signaling to the cytoskeleton. Syntenin-1 is a PDZ-domain-containing molecule that has many interaction partners, and regulates transmembrane-receptor trafficking, cell adhesion, tumor-cell metastasis and neuronal-synapse function. Syntenin-1 is primarily localized to membrane-associated adherens junctions and focal adhesions but is also found at the endoplasmic reticulum and nucleus.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoman Zhu	36096985	Cell Death Dis	WB

Storage

Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

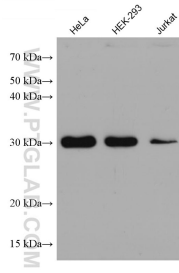
T: 4006900926

E: Proteintech-CN@ptglab.com

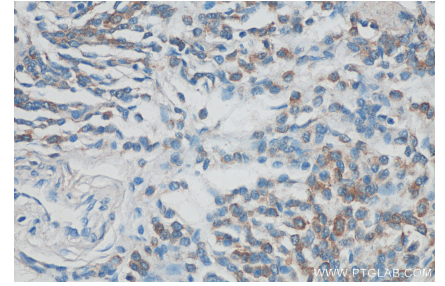
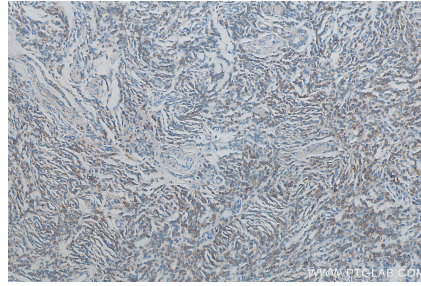
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68096-1-Ig (SDCBP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 68096-1-Ig (Syntenin-1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 68096-1-Ig (Syntenin-1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).