

For Research Use Only

# Syntenin-1 Monoclonal antibody, PBS Only



Catalog Number: 68096-1-PBS

## Basic Information

<b>Catalog Number:</b> 68096-1-PBS	<b>GenBank Accession Number:</b> BC113674	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6386	<b>CloneNo.:</b> 2B1A9
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O00560	
<b>Isotype:</b> IgG1	<b>Full Name:</b> syndecan binding protein (syntenin)	
<b>Immunogen Catalog Number:</b> AG18078	<b>Calculated MW:</b> 298 aa, 32 kDa	
	<b>Observed MW:</b> 30 kDa	

## Applications

**Tested Applications:**  
WB, IHC, Indirect ELISA

**Species Specificity:**  
Human

## 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.

## Storage

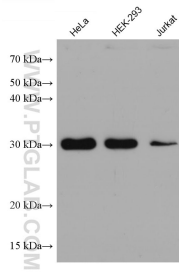
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

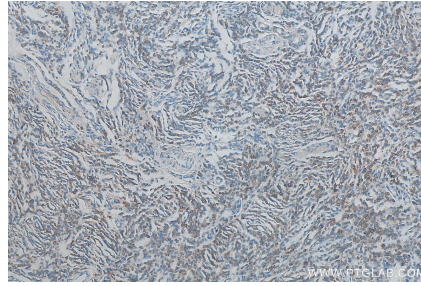
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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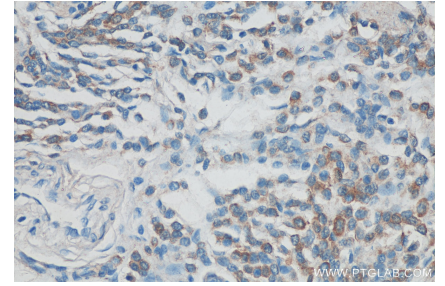
## Selected Validation Data



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. This data was developed using the same antibody clone with 68096-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 68096-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 68096-1-PBS in a different storage buffer formulation.