

# Syntenin-1 Monoclonal antibody, PBS Only

Catalog Number: 68096-1-PBS

## Basic Information

|                           |             |                           |                                     |                      |                        |
|---------------------------|-------------|---------------------------|-------------------------------------|----------------------|------------------------|
| Catalog Number:           | 68096-1-PBS | GenBank Accession Number: | BC113674                            | Purification Method: | Protein G purification |
| Size:                     | 1 mg/ml     | GeneID (NCBI):            | 6386                                | CloneNo.:            | 2B1A9                  |
| Source:                   | Mouse       | UNIPROT ID:               | O00560                              |                      |                        |
| 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:  
WB, Indirect ELISA, IHC

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.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:  
PBS Only

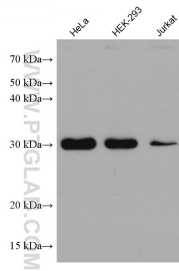
For technical support and original validation data for this product please contact:

T: 4006900926

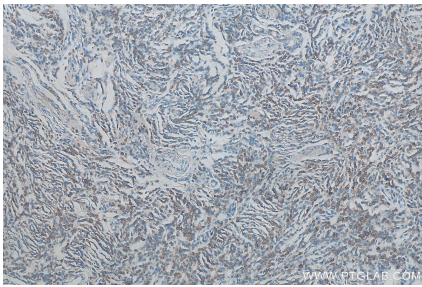
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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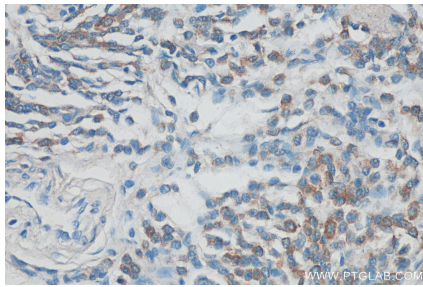
## Selected Validation Data



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.