

# Syntenin-1 Monoclonal antibody

Catalog Number: 68096-1-Ig

1 Publications

## Basic Information

Catalog Number:

68096-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG18078

GenBank Accession Number:

BC113674

GeneID (NCBI):

6386

UNIPROT ID:

O00560

Full Name:

syndecan binding protein (syntenin)

Calculated MW:

298 aa, 32 kDa

Observed MW:

30 kDa

Purification Method:

Protein G purification

CloneNo.:

2B1A9

Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:250-1:1000

## Applications

Tested Applications:

IHC, WB, ELISA

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**

Positive Controls:

WB : HeLa cells, U2OS cells, HEK-293 cell, Jurkat cells

IHC : human malignant melanoma tissue,

## 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

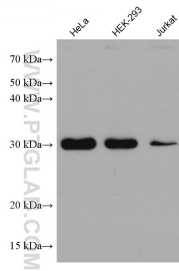
For technical support and original validation data for this product please contact:

T: 4006900926

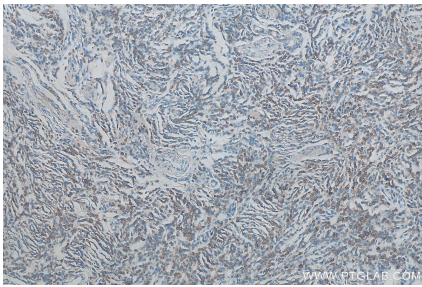
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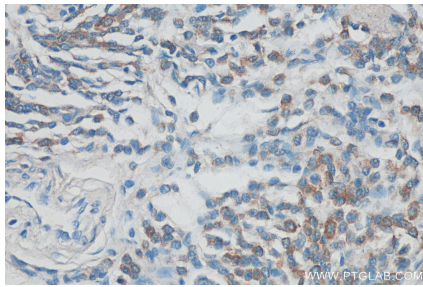
## Selected Validation Data



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).