

For Research Use Only

# Mouse CD138/Syndecan-1 Recombinant antibody, PBS Only

Catalog Number: 84069-8-PBS



## Basic Information

Catalog Number:

84069-8-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1221

GenBank Accession Number:

NM\_011519.2

GeneID (NCBI):

20969

UNIPROT ID:

P18828-1

Full Name:

syndecan 1

Calculated MW:

33 kDa

Purification Method:

Protein A purification

CloneNo.:

241278E8

## Applications

Tested Applications:

IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

CD138, also named as Syndecan-1 (SDC1), is an integral membrane protein. It participates in cell proliferation, cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. It is a heparan sulfate proteoglycan expressed on the surface of, and actively shed by, myeloma cells. Altered syndecan-1 expression has been detected in several different tumor types. CD138 was regarded as a useful marker for labeling normal and neoplastic plasma cells and plasmacytoid lymphomas.

## 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, pH7.3

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

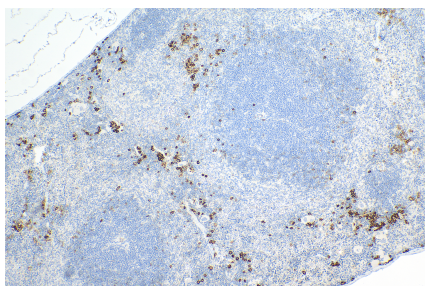
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

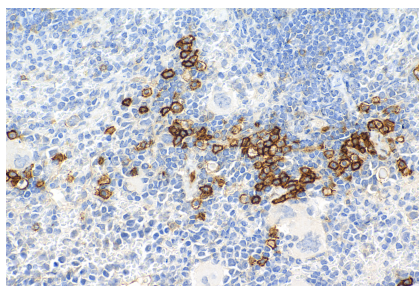
W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

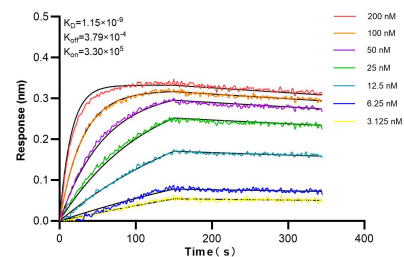
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 84069-8-RR (Syndecan-1/CD138 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84069-8-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 84069-8-RR (Syndecan-1/CD138 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84069-8-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84069-8-RR against Mouse CD138/Syndecan-1 were performed. The affinity constant is 1.15 nM.