

For Research Use Only

CD138/Syndecan-1 Recombinant antibody

Catalog Number: 84069-8-RR



Basic Information

Catalog Number:

84069-8-RR

Concentration:

1000 µg/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

Recommended Dilutions:

IHC 1:2000-1:8000

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human, mouse, rat

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:

IHC : mouse spleen tissue, human tonsillitis tissue, mouse colon tissue, mouse skin tissue, rat spleen tissue

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

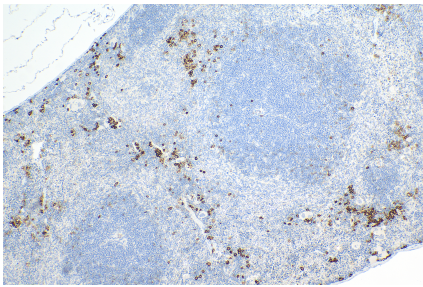
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E: Proteintech-CN@ptglab.com

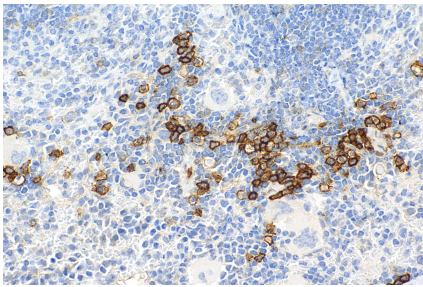
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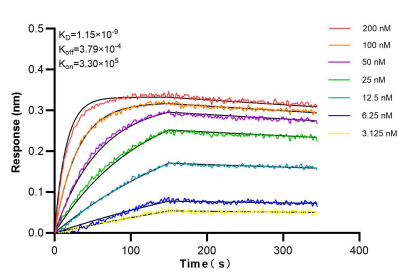
Selected Validation Data



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).



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).



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