

For Research Use Only

Anti-Human CD138/Syndecan-1 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98051-1-PBS



Basic Information

Catalog Number:

98051-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC008765

GeneID (NCBI):

6382

UNIPROT ID:

P18827

Full Name:

syndecan 1

Calculated MW:

32.5 kDa

Purification Method:

Protein A purification

CloneNo.:

240422C4

Applications

Tested Applications:

FC

Species Specificity:

human

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

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

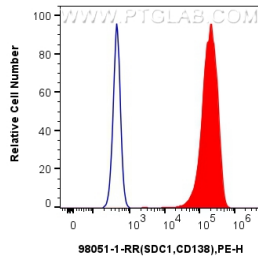
T: 4006900926

E: Proteintech-CN@ptglab.com

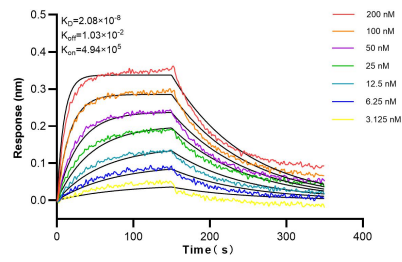
W: ptgcn.com

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Selected Validation Data



1×10^6 U266 cells were surface stained with 0.25 μ g Anti-Human SDC1,CD138 Rabbit Recombinant Antibody (98051-1-RR, Clone: 240422C4) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 μ g Isotype Control and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (blue). Cells were not fixed. This data was developed using the same antibody clone with 98051-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98051-1-RR against Human CD138/Syndecan-1 were performed. The affinity constant is 20.8 nM.