

For Research Use Only

# Biotin Anti-Mouse CD138/Syndecan-1 Rabbit Recombinant Antibody

Catalog Number: Biotin-98152



## Basic Information

Catalog Number:

Biotin-98152

Concentration:

100ug, 500 ug/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.:

241278C7

Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

## Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse bone marrow cells,

## 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 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

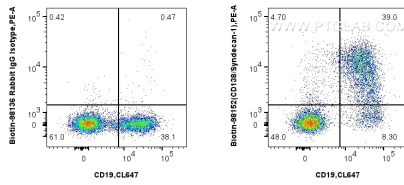
T: 4006900926

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

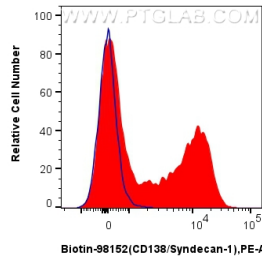
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.25 ug Biotin Anti-Mouse CD138/Syndecan-1 Rabbit RecAb (Biotin-98152, Clone: 241278C7) or Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were co-stained with CoraLite® Plus 647 Anti-Mouse CD19 (1D3) (CL647-65290, Clone: 1D3). Cells were not fixed.



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.25 ug Biotin Anti-Mouse CD138/Syndecan-1 Rabbit RecAb (Biotin-98152, Clone: 241278C7) (red) or Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.