

For Research Use Only

PE Anti-Mouse CD138/Syndecan-1 Rabbit Recombinant Antibody

Catalog Number: PE-98152



Basic Information

Catalog Number:

PE-98152

Concentration:

100ug, 200 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: 0.1 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

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 and 0.5% BSA, pH7.3

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

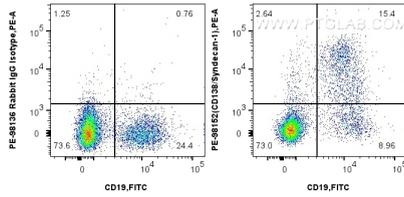
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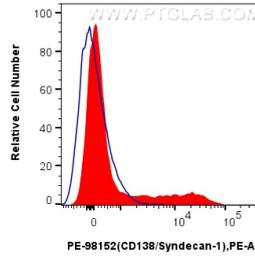
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Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with CoraLite® Plus 647 Anti-Mouse CD19, and 0.1 ug PE Anti-Mouse CD138/Syndecan-1 Rabbit RecAb (PE-98152, Clone: 241278C7) or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.1 ug PE Anti-Mouse CD138/Syndecan-1 Rabbit RecAb (PE-98152, Clone: 241278C7) (red) or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-98136, Clone: 240953C9) (blue). Cells were not fixed.