For Research Use Only

FcZero-rAb™ Biotin Anti-Human CD138/Syndecan-1 Rabbit Recombinant Antibody

Catalog Number:Biotin-FcA98051

proteintech®
Antibodies | ELISA kits | Proteins
FcZero-rAb
www.ptglab.com

Basic Information

Catalog Number:
Biotin-FcA98051

Concentration:
100ug, 500 ug/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG0132

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

Recommended Dilutions:
FC: 0.25 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
-

Applications

Tested Applications:
FC, ELISA

Species Specificity:
human

Positive Controls:

FC : U266 cells,

Background Information

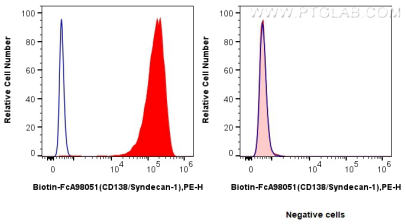
CD138, also named as Syndecan-1 (SDC1), is an integral membrane protein. It participates in cell proliferation, cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. It is a heparan sulfate proteoglycan expressed on the surface of, and actively shed by, myeloma 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 W: ptgcn.com

Selected Validation Data



1x10^6 U266 cells (left) or Jurkat cells (right) were surface stained with 0.25 ug Biotin Anti-Human CD138/Syndecan-1 Rabbit RecAb (Biotin-FcA98051, Clone: 240422C4) (red) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.