

For Research Use Only

FcZero-rAb® CoraLite® Plus 488 Anti-Human CD138/Syndecan-1 Rabbit Recombinant Antibody

Catalog Number: CL488-FcA98051



Basic Information

Catalog Number: CL488-FcA98051	GenBank Accession Number: BC008765	Purification Method: Protein A purification
Concentration: 100tests, 5 ul/test	GeneID (NCBI): 6382	CloneNo.: 240422C4
Source: Rabbit	UNIPROT ID: P18827	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: syndecan 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: EG0132	Calculated MW: 32.5 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : U266 cells,
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 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:

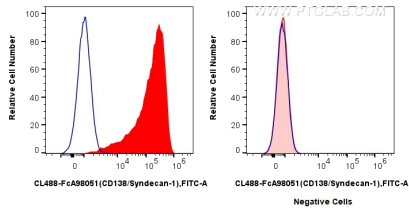
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Selected Validation Data



1x10⁶ U266 cells or Jurkat cells (negative, right) were surface stained with 5 ul CoraLite® Plus 488 Anti-Human CD138/Syndecan-1 Rabbit RecAb (CL488-FcA98051, Clone: 240422C4) (red) or FcZero-rAb® CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.