For Research Use Only

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



Purification Method:

Protein A purfication

CloneNo.:

240422C4

Catalog Number: CL488-98051

Basic Information

Catalog Number: GenBank Accession Number: CL488-98051 BC008765

Concentration: GeneID (NCBI): 100tests, 5 ul/test 6382

Source:UNIPROT ID:Recommended Dilutions:RabbitP18827FC: 5 ul per 10^6 cells in a 100 μlIsotype:Full Name:suspension

gG syndecan 1 Excitation/Emission maxima

Immunogen Catalog Number:Calculated MW:wavelengths:EG013232.5 kDa493 nm / 522 nm

Applications

Tested Applications:

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

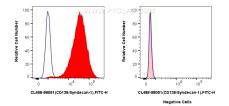
Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

Selected Validation Data



1x10^6 U266 cells (left) or Jurkat cells (right) were surface stained with 5 ul Coralite® Plus 488 Anti-Human CD138/Syndecan-1 Rabbit RecAb (CL488-98051, Clone: 240422C4) (red) or Coralite® Plus 488 Rabbit IgG Isotype Control RecAb (CL488-98136, Clone: 240953C9) (blue). Cells were not fixed.