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PE/Cyanine7 Rabbit anti-Human CD138/Syndecan-1 mAb

Catalog No.: A28898

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC68246

Conjugate
PE-Cy7. Ex:565nm. Em:778nm.

Background

The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan and is a member of the syndecan proteoglycan family. The syndecans mediate cell binding, cell signaling, and cytoskeletal organization and syndecan receptors are required for internalization of the HIV-1 tat protein. The syndecan-1 protein functions as an integral membrane protein and participates in cell proliferation, cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. Altered syndecan-1 expression has been detected in several different tumor types. While several transcript variants may exist for this gene, the full-length natures of only two have been described to date. These two represent the major variants of this gene and encode the same protein.

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
6382

Swiss Prot
P18827

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
SDC; CD138; SYND1; syndecan

Contact

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Product Information

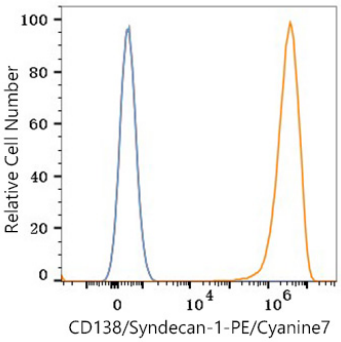
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10^6 U266 cells were surface-stained with PE/Cyanine7 Rabbit anti-Human CD138/Syndecan-1 mAb (A28898,5 µl/Test,orange line) or PE/Cyanine7 Rabbit IgG isotype control (5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).