

CD138 (PN0411) Nb-FC recombinant antibody

Catalog No :	YA0083
Reactivity :	Human
Applications :	ELISA
Target :	CD138
Gene Name :	SDC1 SDC
Protein Name :	Syndecan-1 (SYND1) (CD antigen CD138)
Human Gene Id :	6382
Human Swiss Prot No :	P18827
Immunogen :	Purified recombinant Human CD138
Specificity :	This recombinant monoclonal antibody can detects endogenous levels of CD138 protein.
Formulation :	Phosphate-buffered solution
Source :	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
Dilution :	ELISA 1:5000-100000
Purification :	Recombinant Expression and Affinity purified
Concentration :	Please check the information on the tube
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Cell Pathway :	ECM-receptor interaction;Cell adhesion molecules (CAMs);
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. [provided by RefSeq, Jul 2008]

Function :

Cell surface proteoglycan that bears both heparan sulfate and chondroitin sulfate and that links the cytoskeleton to the interstitial matrix.,similarity:Belongs to the syndecan proteoglycan family.,subunit:Interacts with CDCP1.,

Subcellular Location :

Membrane ; Single-pass type I membrane protein . Secreted . Secreted, extracellular exosome . Shedding of the ectodomain produces a soluble form. .

Expression :

Dermoid cancer,Fibroblast,Kidney,Mammary gland,Placenta

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