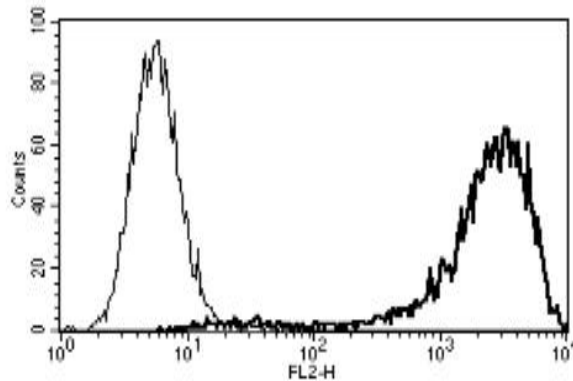


SDC1

Mouse Anti-Human Syndecan-1 / CD138 (Clone B-A38) Biotin mAb

Catalog No.	CDM141	Quantity:	100 tests
Alternate Names:	Syndecan-1, SYND1, CD138		
Description:	Syndecan-1 (SDC1), also known as CD138, is a transmembrane (type I) heparan sulfate proteoglycan and 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. SDC1/CD138 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 SDC1 expression has been detected in several different tumor types.		
UniProt ID:	P18827		
Conjugate:	Biotin		
Specificity:	Recognizes Syndecan-1, the heparan sulfate proteoglycan with a MW of 65-70 kDa.		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells.		
Isotype:	Mouse IgG1		
Immunogen:	U266 cell line		
Clone:	B-A38		
Formulation:	Lyophilized from PBS containing 5% BSA and 0.1% sodium azide.		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute with 1 ml deionized water.		
Applications:	Flow Cytometry: Use 10 μ l to label 10 ⁶ cells or 100 μ l of whole blood. Immunohistochemistry		
Storage & Stability:	Store at 2-8°C for 6 months. For longer storage, freeze aliquots at -20°C to -80°C . Avoid repeated freeze-thaw cycles.		

A typical staining pattern with the B-A38 monoclonal antibody of U266 cell line.



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