

For Research Use Only

CD138/Syndecan-1 Monoclonal antibody



Catalog Number: 60185-1-Ig

Basic Information

Catalog Number: 60185-1-Ig	GenBank Accession Number: BC008765	Purification Method: Protein G purification
Size: 500 µg/ml	GeneID (NCBI): 6382	CloneNo.: 1B6A2
Source: Mouse	UNIPROT ID: P18827	Recommended Dilutions: WB 1:200-1:1000
Isotype: IgG1	Full Name: syndecan 1	
Immunogen Catalog Number: AG0823	Calculated MW: 32.5 kDa	
	Observed MW: 120 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : BXPc-3 cells,
Species Specificity: human	

Background Information

Syndecan-1 (SDC1), also named CD138, 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. SDC1 was regarded as a useful marker for labeling normal and neoplastic plasma cells and plasmacytoid lymphomas.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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Selected Validation Data



BxPC-3 cells were subjected to SDS PAGE followed by western blot with 60185-1-Ig (CD138/Syndecan-1 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.