

# CD138/Syndecan-1 Monoclonal antibody

Catalog Number: 60185-1-Ig

## Basic Information

**Catalog Number:**

60185-1-Ig

**Size:**

150ul , Concentration: 500 µg/ml by Bradford method using BSA as the standard;

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG0823

**GenBank Accession Number:**

BC008765

**GeneID (NCBI):**

6382

**UNIPROT ID:**

P18827

**Full Name:**

syndecan 1

**Calculated MW:**

32.5 kDa

**Observed MW:**

120 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

1B6A2

**Recommended Dilutions:**

WB 1:200-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : BXPc-3 cells,

## 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

**\*\*\* 20ul sizes contain 0.1% BSA**

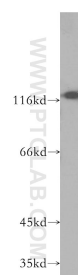
For technical support and original validation data for this product please contact:

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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.