

bsm-52917R**[Primary Antibody]**

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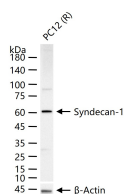
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

Syndecan-1 Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) ICC/IF (1:50-200) Reactivity: Rat (predicted: Human, Mouse) Predicted MW.: 34 kDa Observed MW.: 60 kDa Subcellular Location: Secreted ,Cell membrane
Clonality: Recombinant	CloneNo.: 4C7	
GeneID: 6382	SWISS: P18827	
Target: Syndecan-1		
Immunogen: A synthesized peptide derived from human Syndecan 1: 1-254.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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 nature 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]		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates
 (see on figure) probed with Syndecan-1
 monoclonal antibody, unconjugated
 (bsm-52917R) at 1:1000 dilution and 4°C
 overnight incubation. Followed by conjugated
 secondary antibody incubation at r.t. for 60 min.