

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

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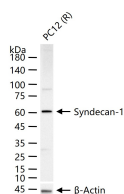
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**Syndecan-1 Recombinant Rabbit mAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) <b>ICC/IF</b> (1:50-200)  <b>Reactivity:</b> Rat (predicted: Human, Mouse)  <b>Predicted MW.:</b> 34 kDa  <b>Subcellular Location:</b> Secreted ,Cell membrane
<b>Clonality:</b> Recombinant	<b>CloneNo.:</b> 4C7	
<b>GeneID:</b> 6382	<b>SWISS:</b> P18827	
<b>Target:</b> Syndecan-1		
<b>Immunogen:</b> A synthesized peptide derived from human Syndecan 1: 1-254.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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.