

Anti-Syndecan-1 Rabbit pAb



WL04081

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Syndecan-1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC, IF	1:200-1:500
Cellular localization	Membrane, Secreted	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	Cd138, is a type I integral membrane proteoglycan that contains both chondroitin sulfate and heparan sulfate groups. CD138 is a specific marker for plasmacytic differentiation in hematologic disorders. This cell surface proteoglycan is also expressed in normal epithelial cells and tissues as well as various types of cancer tissues. The extracellular shed form of CD138 remains soluble or accumulates in the extracellular matrix where it binds growth factors, cytokines and other extracellular matrix proteins. This binding activates signaling of bound growth factors or cytokines, which results in enhanced tumor growth, dissemination, angiogenesis, and osteolysis.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Syndecan-1.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

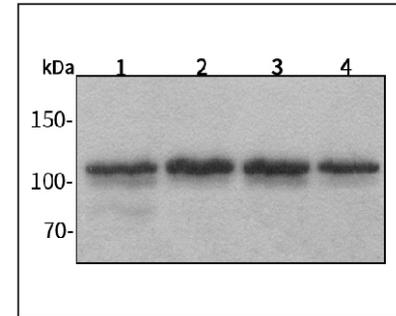
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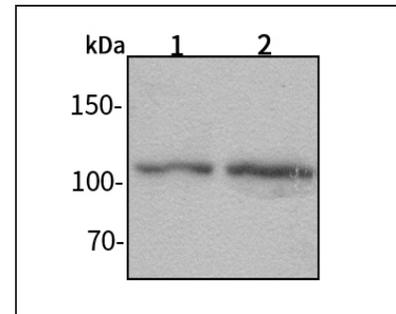
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Product Images



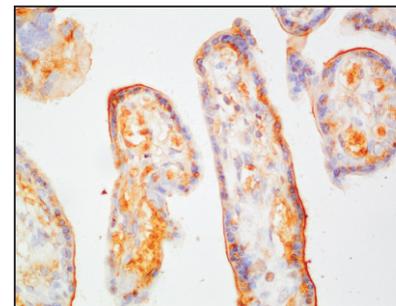
Western blot-Anti-Syndecan-1 pAb

Lane 1: Human HeLa cell lysate
 Lane 2: Human MCF-7 cell lysate
 Lane 3: Human HEK-293 cell lysate
 Lane 4: Human A549 cell lysate
 All lanes: Anti-Syndecan-1 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 32 kDa
 Observed band size: 120 kDa



Western blot-Anti-Syndecan-1 pAb

Lane 1: Mouse heart tissue lysate
 Lane 2: Rat stomach tissue lysate
 All lanes: Anti-Syndecan-1 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 32 kDa
 Observed band size: 120 kDa



Immunohistochemistry-Anti-Syndecan-1 pAb

Immunohistochemical analysis of paraffin-embedded human placenta using anti-Syndecan-1 Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

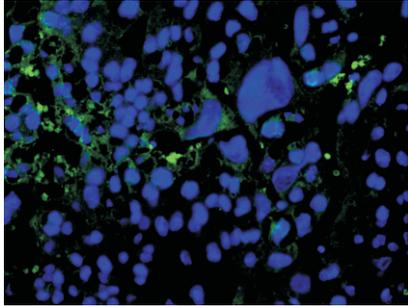
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Immunofluorescence-Anti-Syndecan-1 pAb

Immunofluorescence analysis of paraffin-embedded human placenta using anti-Syndecan-1 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0