

Anti-CD44 Rabbit pAb



WL03531

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-CD44 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:150
	IF	1:200
Cellular localization	Membrane	
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	CD44 encoded by this gene is a cell-surface glycoprotein involved in cell-cell interactions, cell adhesion and migration. It is a receptor for hyaluronic acid (HA) and can also interact with other ligands, such as osteopontin, collagens, and matrix metalloproteinases (MMPs). CD44 participates in a wide variety of cellular functions including lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis. Transcripts for this gene undergo complex alternative splicing that results in many functionally distinct isoforms, however, the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein, and may be related to tumor metastasis.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of CD44.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

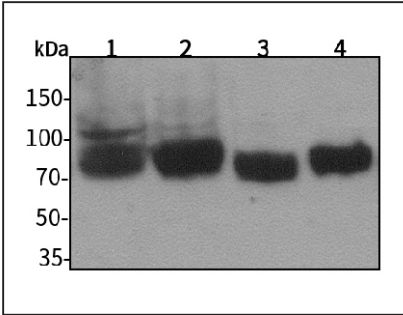
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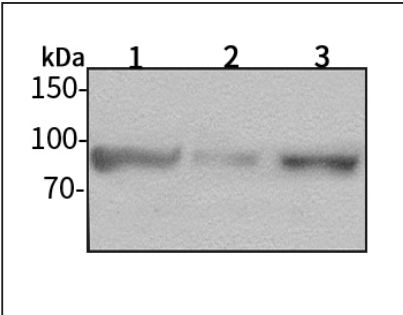
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Product Images



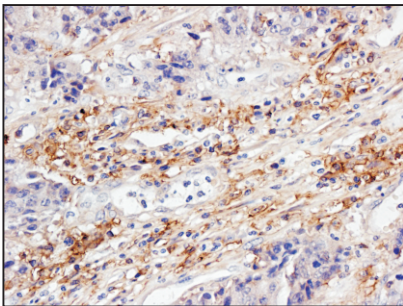
Western blot-Anti-CD44 pAb

Lane 1: Human Hela cell lysate
Lane 2: Human BGC-823 cell lysate
Lane 3: Human MGC-803 cell lysate
Lane 4: Human SGC-7901 cell lysate
All lanes: Anti-CD44 at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 82 kDa
Observed band size: 80-95 kDa



Western blot-Anti-CD44 pAb

Lane 1: Mouse liver tissue lysate
Lane 2: Rat spleen tissue lysate
Lane 3: Rat stomach tissue lysate
All lanes: Anti-CD44 at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 82 kDa
Observed band size: 80-95 kDa



Immunohistochemistry-Anti-CD44 pAb

Immunohistochemical analysis of paraffin-embedded human colon cancer using anti-CD44 Rabbit Antibody at 1:150 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

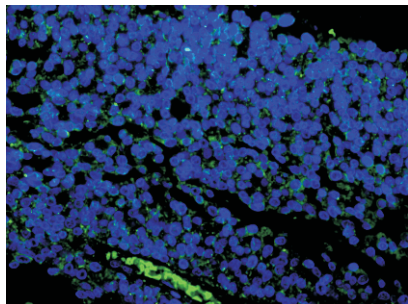
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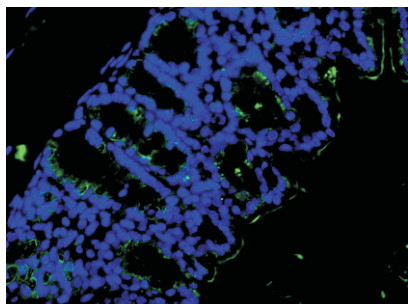
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Immunofluorescence-Anti-CD44 pAb

Immunofluorescence analysis of paraffin-embedded human bladder cancer using anti-CD44 Rabbit Antibody at 1:200 dilution.

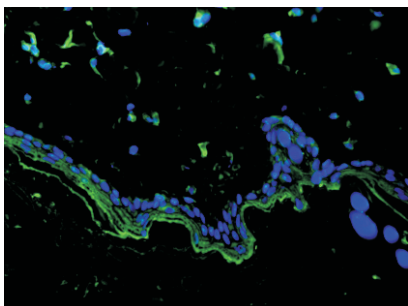
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-CD44 pAb

Immunofluorescence analysis of paraffin-embedded mouse colon using anti-CD44 Rabbit Antibody at 1:200 dilution.

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



Immunofluorescence-Anti-CD44 pAb

Immunofluorescence analysis of paraffin-embedded rat skin using anti-CD44 Rabbit Antibody at 1:200 dilution.

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