

Anti-CD90/Thy1 Rabbit pAb



WL01236

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-CD90/Thy1 Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WB	1:1000-1:2000	
	IF	1:500	
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	CD90 is a GPI-anchored, developmentally regulated protein involved in various signaling cascades that mediate neurite outgrowth, T cell activation, tumor suppression, apoptosis, and fibrosis. It is a phosphatidyl-anchored cell surface glycoprotein which, when coexpressed with CD34 on cells from normal human bone marrow, identifies a subpopulation that includes putative hematopoietic, pluripotent stem cells. CD90 is epigenetically regulated, or deregulated in some disease states, such as pulmonary fibrosis. The potentially reversible hypermethylation of the CD90 promoter offers the possibility of novel therapeutic options in this disease.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of CD90/Thy1.
Purification	Polyclonal antibody was purified by protein A affinity chromatography.

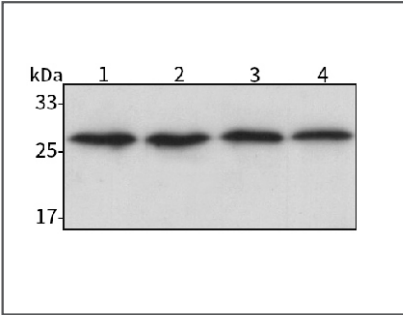
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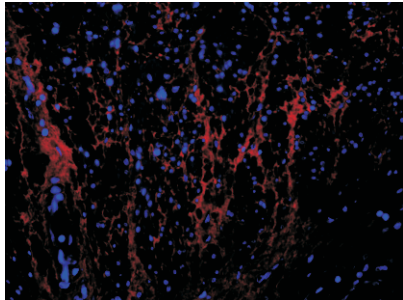
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Product Images



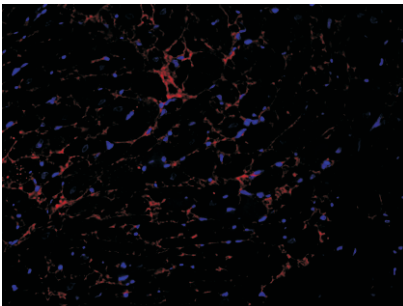
Western blot-Anti-CD90/Thy1 pAb

Lane 1: Human Hela cell lysate
Lane 2: Human A2780 cell lysate
Lane 3: Human CAL-78 cell lysate
Lane 4: Human Jurkat cell lysate
All lanes: Anti-CD90/Thy1 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 18 kDa
Observed band size: 25-37 kDa



Immunofluorescence-Anti-CD90/Thy1 pAb

Immunofluorescence analysis of paraffin-embedded human rectum cancer using anti-CD90/Thy1 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-CD90/Thy1 pAb

Immunofluorescence analysis of paraffin-embedded rat heart using anti-CD90/Thy1 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0