

Anti-CD5 Rabbit pAb



For Research Use Only. Not For Use In Diagnostic Procedures

WL03784

Product Information

Product name	Anti-CD5 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IF	1:200
Cellular localization	Membrane	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
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	Cd5 is a type-I transmembrane protein belonging to the scavenger receptor cysteine-rich (SRCR) family, characterized by the presence of at least one SRCR domain of 90-110 amino acids. CD5 is expressed by all mature T cells, the B-1a subset of mature B cells, and some leukemic B cells. Its expression is increased in regulatory T and B cells (Tregs/Bregs). Anergic T and B cells also have elevated CD5 expression. Elevated levels of CD5 are also found in many autoimmune disorders. CD5 is associated with the T cell receptor (TCR) and negatively modulates T cell activation and differentiation.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of CD5.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

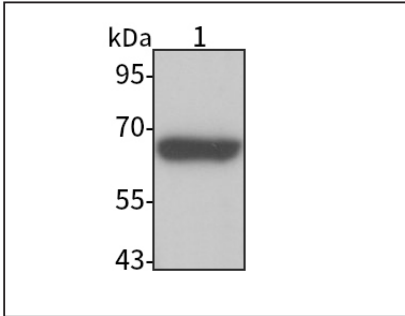
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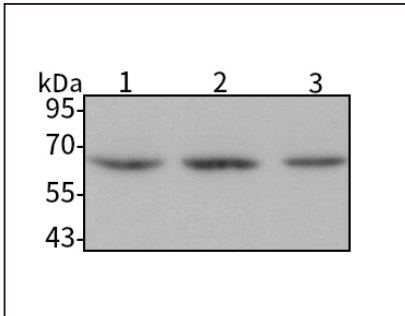
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Product Images



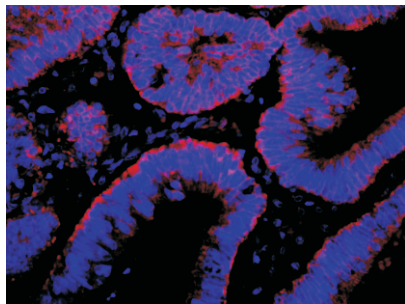
Western blot-Anti-CD5 pAb

Lane 1: Human Jurkat cell lysate  
All lanes: Anti-CD5 at 1:1000 dilution  
Lysates/proteins at 20-50 μg per lane.  
Predicted band size: 55 kDa  
Observed band size: 67 kDa



Western blot-Anti-CD5 pAb

Lane 1: Mouse liver tissue lysate  
Lane 2: Mouse spleen tissue lysate  
Lane 3: Rat spleen stomach lysate  
All lanes: Anti-CD5 at 1:1000 dilution  
Lysates/proteins at 20-50 μg per lane.  
Predicted band size: 55 kDa  
Observed band size: 67 kDa



Immunofluorescence-Anti-CD5 pAb

Immunofluorescence analysis of paraffin-embedded human rectum cancer using anti-CD5 Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

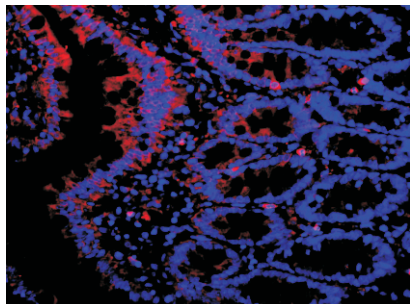
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### Immunofluorescence-Anti-CD5 pAb

Immunofluorescence analysis of paraffin-embedded rat colon using anti-CD5 Rabbit Antibody at 1:200 dilution.

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