

Anti-CD45 Rabbit pAb



WL00922

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-CD45 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC, IF	1:50-1:200
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	Cd45 has been identified as a transmembrane glycoprotein, broadly expressed among hematopoietic cells. CD45 functions as a phosphotyrosine phosphatase, a vital component for efficient tyrosine phosphorylation induction by the TCR/CD3 complex. The tyrosine phosphatase activity of CD45 is contained within the conserved intracellular domain. Src family kinases required for the antigen receptor signaling. Several members of Src and Syk families, including Lck, Fyn and ZAP-70, have been implicated as physiological substrates of CD45.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of CD45.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

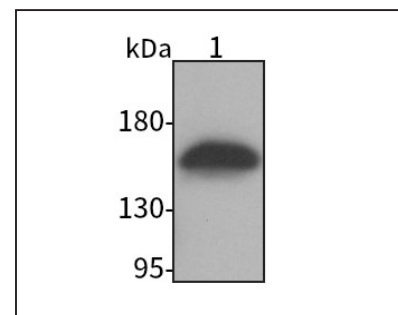
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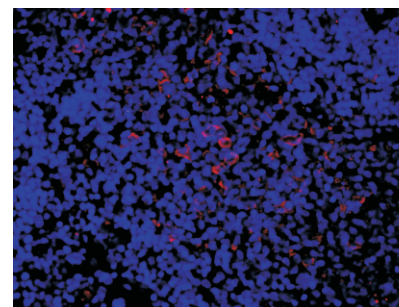
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Product Images



Western blot-Anti-CD45 pAb

Lane 1: Human Jurkat cell lysate
 All lanes: Anti-CD45 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 147 kDa
 Observed band size: 160-220 kDa



Immunofluorescence-Anti-CD45 pAb

Immunofluorescence analysis of paraffin-embedded rat spleen using anti-CD45 Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0