

Anti-B7-1/CD80 Rabbit pAb



For Research Use Only. Not For Use In Diagnostic Procedures

WL02639

Product Information

Product name	Anti-B7-1/CD80 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	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	T cell proliferation and lymphokine production are triggered by occupation of the TCR by antigen, followed by a costimulatory signal that is delivered by a ligand expressed on antigen presenting cells. CD80 is the ligand for two different proteins on the T cell surface: CD28 (for autoregulation and intercellular association) and CTLA-4 (for attenuation of regulation and cellular disassociation). CD80 works in tandem with CD86 to prime T cells.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of B7-1/CD80.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

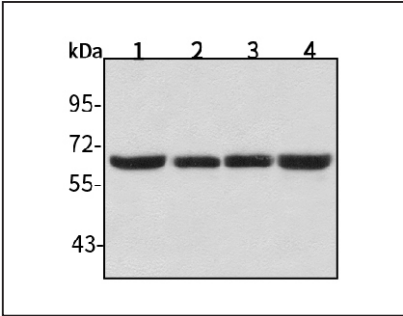
Anti-B7-1/CD80 Rabbit pAb



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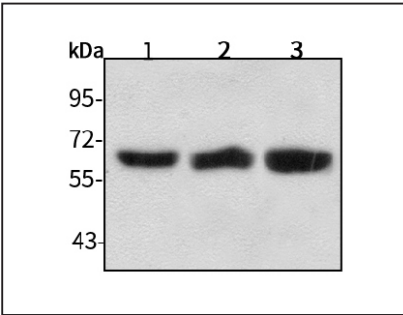
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Product Images



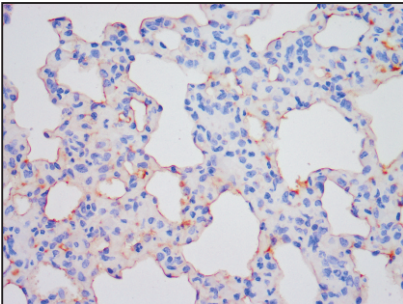
Western blot-Anti-B7-1/CD80 pAb

Lane 1: Human HepG2 cell lysate
Lane 2: Human Hela cell lysate
Lane 3: Human BGC-823 cell lysate
Lane 4: Human MGC-803 cell lysate
All lanes: Anti-B7-1/CD80 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 33 kDa
Observed band size: 50-75 kDa



Western blot-Anti-B7-1/CD80 pAb

Lane 1: Mouse heart tissue lysate
Lane 2: Rat liver tissue lysate
Lane 3: Rat brain tissue lysate
All lanes: Anti-B7-1/CD80 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 33 kDa
Observed band size: 50-75 kDa



Immunohistochemistry-Anti-B7-1/CD80 pAb

Immunohistochemical analysis of paraffin-embedded rat lung using anti-B7-1/CD80 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0