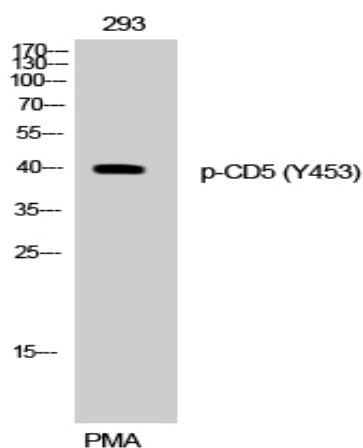


CD5 (phospho Tyr453) Polyclonal Antibody

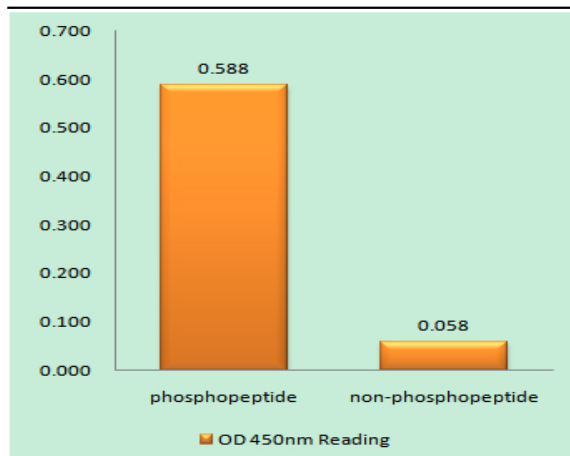
Catalog No :	YP0544
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	CD5
Fields :	>>Hematopoietic cell lineage
Gene Name :	CD5
Protein Name :	T-cell surface glycoprotein CD5
Human Gene Id :	921
Human Swiss Prot No :	P06127
Mouse Gene Id :	12507
Mouse Swiss Prot No :	P13379
Rat Gene Id :	54236
Rat Swiss Prot No :	P51882
Immunogen :	The antiserum was produced against synthesized peptide derived from human CD5 around the phosphorylation site of Tyr453. AA range:421-470
Specificity :	Phospho-CD5 (Y453) Polyclonal Antibody detects endogenous levels of CD5 protein only when phosphorylated at Y453.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.

Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year (Do not lower than -25°C)
Observed Band :	40kD
Cell Pathway :	Hematopoietic cell lineage;
Background :	function: May act as a receptor in regulating T-cell proliferation. CD5 interacts with CD72/LYB-2., similarity: Contains 3 SRCR domains.,
Function :	function: May act as a receptor in regulating T-cell proliferation. CD5 interacts with CD72/LYB-2., similarity: Contains 3 SRCR domains.,
Subcellular Location :	Cell membrane; Single-pass type I membrane protein.
Expression :	Lymphocyte, Pancreas, Tonsil,

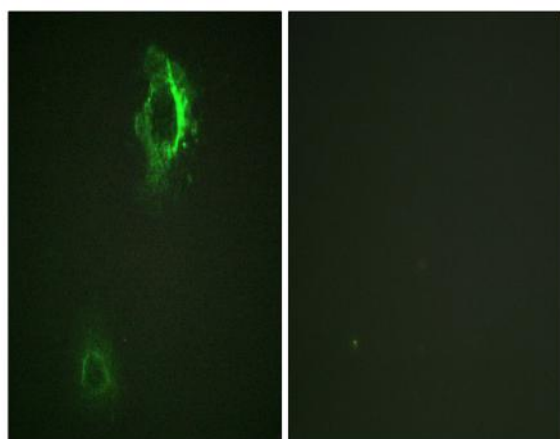
Products Images



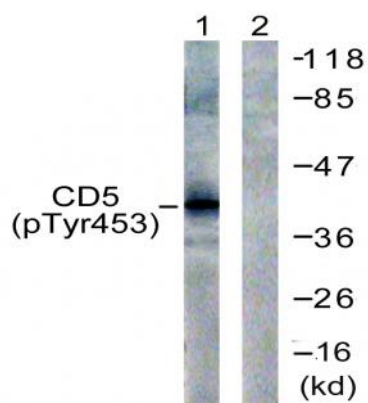
Western Blot analysis of 293 cells using Phospho-CD5 (Y453) Polyclonal Antibody



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using CD5 (Phospho-Tyr453) Antibody



Immunofluorescence analysis of HepG2 cells, using CD5 (Phospho-Tyr453) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from 293 cells treated with PMA 125ng/ml 30', using CD5 (Phospho-Tyr453) Antibody. The lane on the right is blocked with the phospho peptide.