



CD5 (phospho Tyr453) Polyclonal Antibody

Catalog No	BYab-13847
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	CD5
Protein Name	T-cell surface glycoprotein CD5
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD5; LEU1; T-cell surface glycoprotein CD5; Lymphocyte antigen T1/Leu-1; CD antigen CD5
Observed Band	40kD
Cell Pathway	Cell membrane; Single-pass type I membrane protein.
Tissue Specificity	Lymphocyte,Pancreas,Tonsil,
Function	function:May act as a receptor in regulating T-cell proliferation. CD5 interacts with CD72/LYB-2.,similarity:Contains 3 SRCR domains.,
Background	function:May act as a receptor in regulating T-cell proliferation. CD5 interacts with CD72/LYB-2.,similarity:Contains 3 SRCR domains.,
matters needing attention	Avoid repeated freezing and thawing!

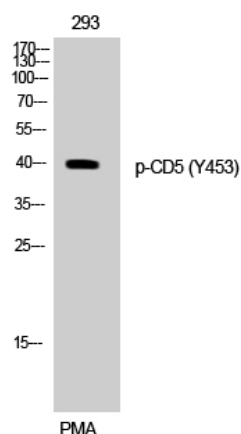
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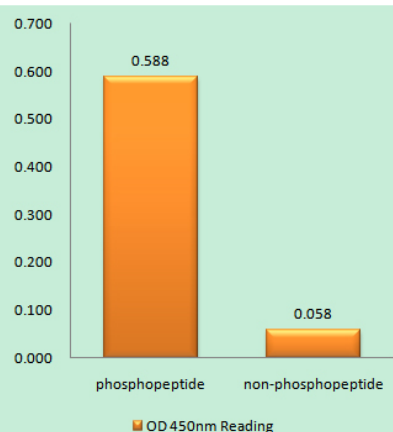
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

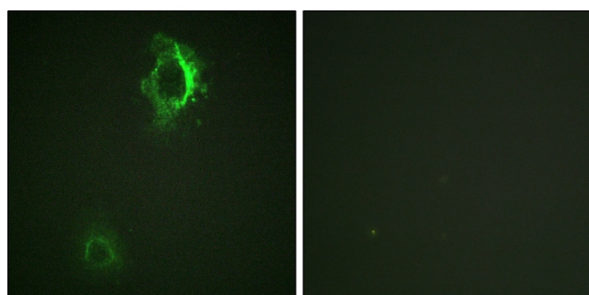
Products Images



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



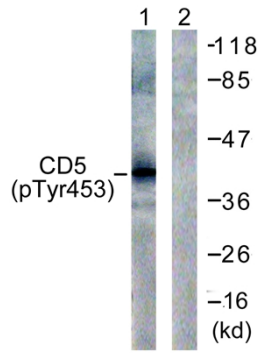
Immunofluorescence analysis of HepG2 cells, using CD5 (Phospho-Tyr453) Antibody. The picture on the right is blocked with the phospho peptide.

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658



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.