

CD5 (phospho Tyr453) Polyclonal Antibody

YP0544 Catalog No:

Reactivity: Human; Mouse; Rat

Applications: WB;IHC;IF;ELISA

CD5 **Target:**

Fields: >>Hematopoietic cell lineage

Gene Name: CD5

Protein Name: T-cell surface glycoprotein CD5

Human Gene Id: 921

Human Swiss Prot

No:

Mouse Gene Id:

12507

P06127

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,

Tag: orthogonal

Sort : 69

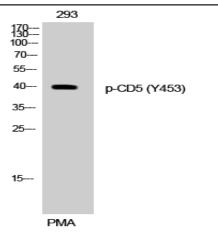
No4:

Host: Rabbit

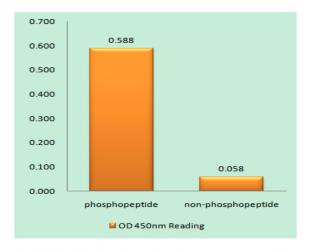
Modifications: Phospho

Products Images

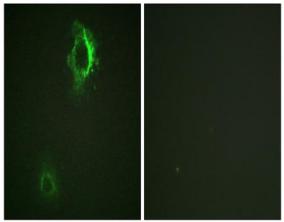
2/4



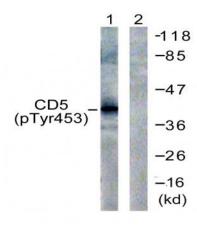
Western Blot analysis of 293 cells using Phospho-CD5 (Y453) Polyclonal Antibody



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.