

**Product Name: CD5 (phospho Tyr453) Rabbit Polyclonal Antibody**  
**Catalog #: APRab04406**

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## Summary

<b>Production Name</b>	CD5 (phospho Tyr453) Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	ELISA,IF,WB,
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phospho Antibody
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	CD5
<b>Alternative Names</b>	CD5; LEU1; T-cell surface glycoprotein CD5; Lymphocyte antigen T1/Leu-1; CD antigen
<b>Gene ID</b>	921.0
<b>SwissProt ID</b>	P06127.The antiserum was produced against synthesized peptide derived from human CD5 around the phosphorylation site of Tyr453. AA range:421-470

## Application

<b>Dilution Ratio</b>	WB 1:500 - 1:2000    IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
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**Molecular Weight** 40kD

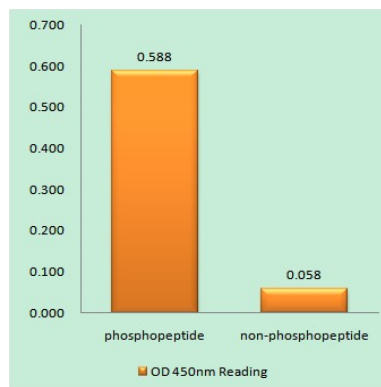
## Background

function:May act as a receptor in regulating T-cell proliferation. CD5 interacts with CD72/LYB-2.,similarity:Contains 3 SRCR domains.,function:May act as a receptor in regulating T-cell proliferation. CD5 interacts with CD72/LYB-2.,similarity:Contains 3 SRCR domains.,

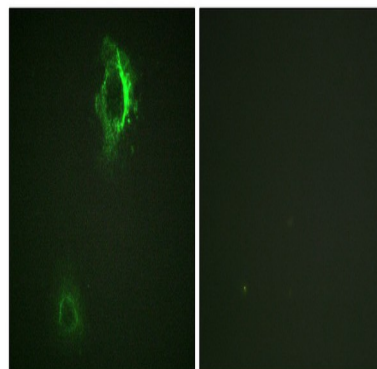
## Research Area

Hematopoietic cell lineage;

## Image Data



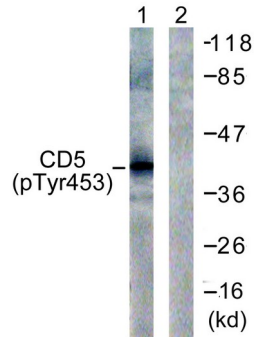
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using CD5 (Phospho-Tyr453) Antibody



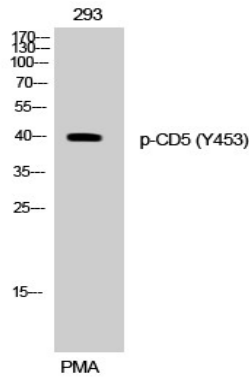
Immunofluorescence analysis of HepG2 cells, using CD5 (Phospho-Tyr453) Antibody. The picture on the right is blocked with the phospho peptide.

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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.



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

## Note

For research use only.