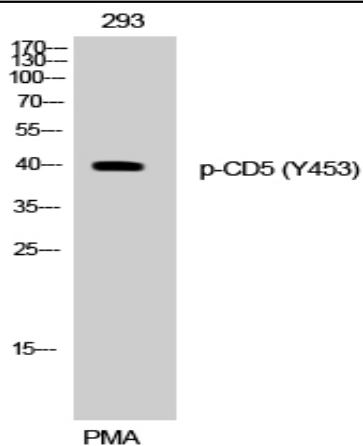


CD5 (phospho Tyr453) Polyclonal Antibody

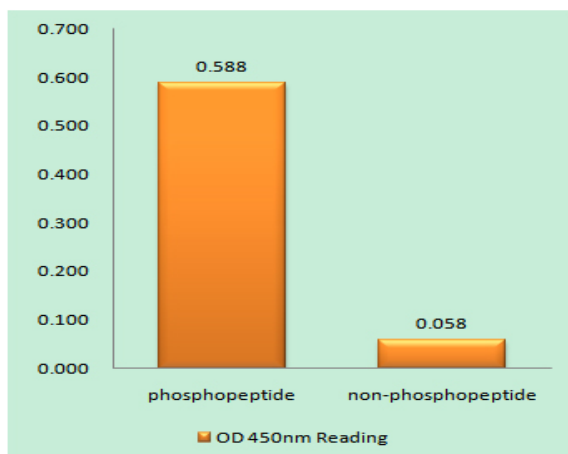
| | |
|------------------------------|---|
| Catalog No : | YP0544 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB;IHC;IF;ELISA |
| Target : | CD5 |
| Fields : | >>Hematopoietic cell lineage |
| Gene Name : | CD5 |
| Protein Name : | T-cell surface glycoprotein CD5 |
| Human Gene Id : | 921 |
| 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, |
| Tag : | orthogonal |
| Sort : | 69 |
| No4 : | 1 |
| Host : | Rabbit |
| Modifications : | Phospho |

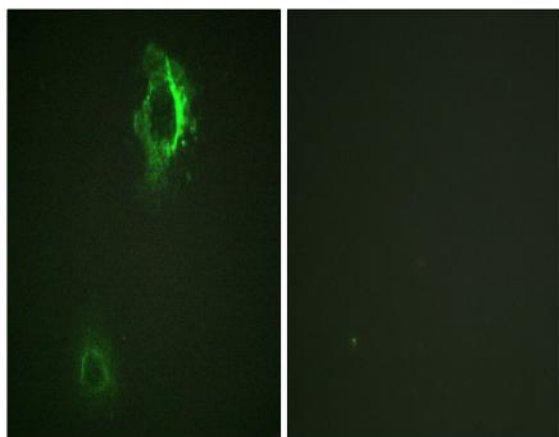
Products Images



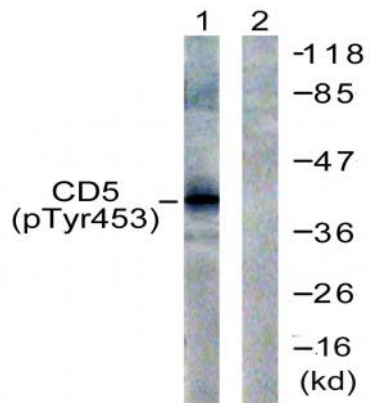
Western Blot analysis of 293 cells using Phospho-CD5 (Y453) Polyclonal Antibody



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.