

Rabbit CD5 Polyclonal Antibody | anti-CD5 antibody

CD5 (Phospho-Tyr453) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316330	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Western Blot

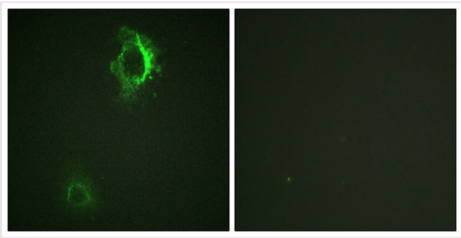
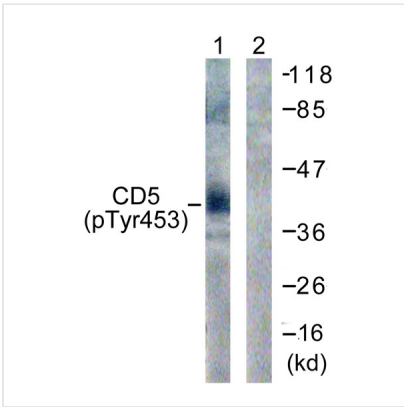
PRODUCT SYNONYMS

CD5; Polyclonal Antibody; CD5 (Phospho-Tyr453) Antibody; LEU1; Lymphocyte antigen CD5; Lymphocyte glycoprotein Ly-1; Lymphocyte glycoprotein T1/Leu-1; Lyl-1; T-cell surface glycoprotein CD5 precursor; anti-CD5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	CD5 (Phospho-Tyr453) Antibody detects endogenous levels of CD5 only when phosphorylated at Tyr453.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	495
Applicable Applications for anti-CD5 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y453; M:Y452; R:Y449
Immunogen	The antiserum was produced against synthesized peptide derived from human CD5 around the phosphorylation site of Tyr453.
Immunogen Range	421-470
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



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

WB (Western Blot)
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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1080078688
NCBI GeneID	921
NCBI Accession #	NP_001333385.1
NCBI GenBank Nucleotide #	NM_001346456.1
UniProt Accession #	P06127; A0N0P4; A8K9I3
Molecular Weight	54 kDa
NCBI Official Full Name	T-cell surface glycoprotein CD5 isoform 2
NCBI Official Synonym Full Names	CD5 molecule
NCBI Official Symbol	CD5
NCBI Official Synonym Symbols	T1; LEU1
NCBI Protein Information	T-cell surface glycoprotein CD5
UniProt Protein Name	T-cell surface glycoprotein CD5
UniProt Gene Name	CD5
UniProt Synonym Gene Names	LEU1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.