

anti-Human, Mouse CD5 Antibody | anti-CD5 antibody

CD5 (Phospho-Tyr453) Antibody

CATALOG # AAA112002	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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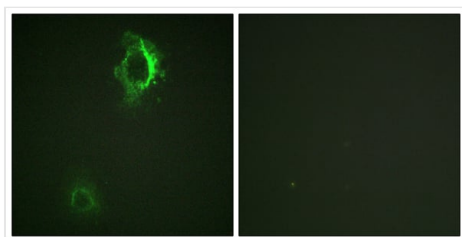
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

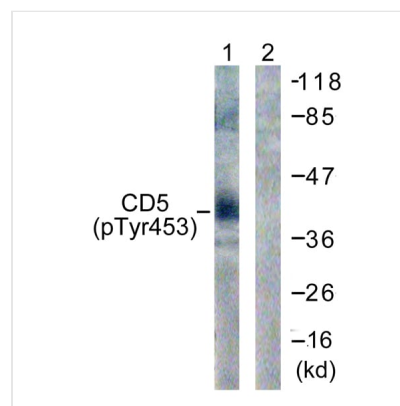
Reactivity	Human, Mouse
Specificity	CD5 (Phospho-Tyr453) antibody detects endogenous levels of CD5 only when phosphorylated at tyrosine 453.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	438
Applicable Applications for anti-CD5 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human CD5 around the phosphorylation site of tyrosine 453 (N-E-YP-S-Q).Puri-fication: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
All Sites	Human: Tyr453 Mouse: Tyr452
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from 293 cells, treated with PMA (125ng/ml, 30mins), using CD5 (Phospho-Tyr453) antibody. Immunofluorescence analysis of HepG2 cells, using CD5 (Phospho-Tyr453) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD5 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Masanori Taniguchi, Blood, Feb 1998; 91: 1145-1151. David Kaplan, PNAS, Nov 2001; 98: 13850. SB Ebeling, J. Immunol., Dec 1993; 151: 6891. Glenn H. Cantor, J. Virol., Feb 2001; 75: 1689-1696.
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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	54,578 Da
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.