Datasheet for ABIN1531547

anti-CD5 antibody (pTyr453)

2 Images

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Overview

Quantity:	100 µL
Target:	CD5
Binding Specificity:	AA 421-470, pTyr453
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human CD5 around the phosphorylation site of Tyr453.
Isotype:	IgG
Specificity:	CD5 (Phospho-Tyr453) Antibody detects endogenous levels of CD5 only when phosphorylated at Tyr453. PhosphorylationH:Y453 M:Y452 R:Y449
Purification:	The antibody was 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.
Purity:	> 95 %

Target Details

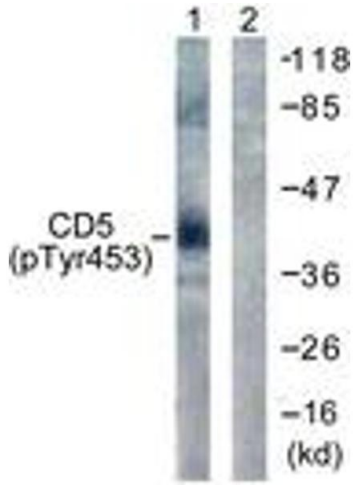
Target:	CD5
Alternative Name:	CD5 (CD5 Products)
Background:	Synonyms: LEU1, Lymphocyte antigen CD5, Lymphocyte glycoprotein Ly-1, Lymphocyte glycoprotein T1/Leu-1, Lyt-1, T-cell surface glycoprotein CD5 precursor NCBI Gene Symbol: CD5
Molecular Weight:	54 kDa
Gene ID:	921
OMIM:	153340
UniProt:	P06127

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.58685 (NCBI Gene Symbol: CD5)
Restrictions:	For Research Use only

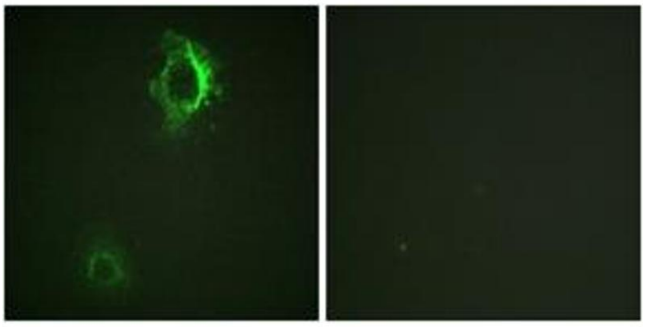
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from 293 cells treated with PMA 125ng/ml 30' , using CD5 (Phospho-Tyr453) Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HepG2 cells, using CD5 (Phospho-Tyr453) Antibody. The picture on the right is treated with the synthesized peptide.