

Rabbit CD45 Polyclonal Antibody | anti-CD45 antibody

CD45 (Phospho-Ser1007) Antibody

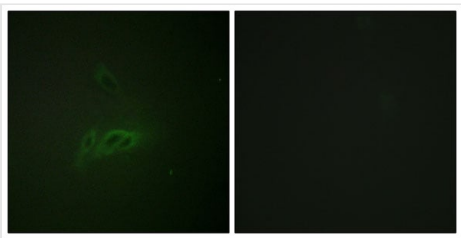
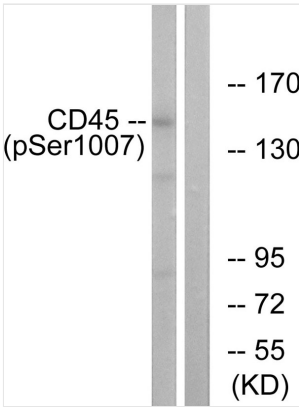
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316329	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

CD45; Polyclonal Antibody; CD45 (Phospho-Ser1007) Antibody; L-CA; Leukocyte common antigen precursor; Leukocyte common antigen variant 4 precursor; LY-5; Lymphocyte common antigen Ly-5; PTPRC; T200; anti-CD45 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	CD45 (Phospho-Ser1007) Antibody detects endogenous levels of CD45 only when phosphorylated at Ser1007.
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	1,143
Applicable Applications for anti-CD45 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S1007; M:S996; R:S960
Immunogen	The antiserum was produced against synthesized peptide derived from human CD45 around the phosphorylation site of Ser1007.
Immunogen Range	981-1030
Preparation and Storage	Stable at -20 degree C for at least 1 year.



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells, using CD45 (Phospho-Ser1007) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from HeLa cells treated with TNF 20ng/ml 15', using CD45 (Phospho-Ser1007) Antibody. The lane on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	392307007
NCBI GeneID	5788
NCBI Accession #	NP_002829.3
NCBI GenBank Nucleotide #	NM_002838.4
UniProt Accession #	P08575; Q16614; Q9H0Y6; A8K7W6
Molecular Weight	147 kDa
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase C isoform 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type C
NCBI Official Symbol	PTPRC
NCBI Official Synonym Symbols	LCA; LY5; B220; CD45; L-CA; T200; CD45R; GP180
NCBI Protein Information	receptor-type tyrosine-protein phosphatase C
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase C
UniProt Gene Name	PTPRC
UniProt Synonym Gene Names	CD45; L-CA

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.