

Datasheet for ABIN7138403
anti-CD45 antibody (pSer1007)



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1 Image

Overview

Quantity:	100 µL
Target:	CD45 (PTPRC)
Binding Specificity:	pSer1007
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD45 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of serine 1007 (D-D-S(p)-D-S) derived from Human CD45.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	CD45 (PTPRC)
Alternative Name:	PTPRC (PTPRC Products)

Target Details

Background:	Background: Protein binding, transmembrane receptor protein tyrosine phosphatase activity, protein tyrosine phosphatase activity, protein kinase binding. Wang Y, Guo W, Liang L, Esselman WJ (1999)J Biol Chem 274, 7454-61. Aliases: B220 antibody, CD 45 antibody, CD45 antibody, CD45 antigen antibody, CD45R antibody, GP180 antibody, L-CA antibody, LCA antibody, Leukocyte common antigen antibody, loc antibody, Ly-5 antibody, LY5 antibody, Ly5, homolog of antibody, Lyt-4 antibody, OTTHUMP00000033813 antibody, OTTHUMP00000033816 antibody, OTTHUMP00000033817 antibody, OTTHUMP00000038574 antibody, Protein tyrosine phosphatase receptor type c polypeptide antibody, Protein tyrosine phosphatase, receptor type C antibody, protein tyrosine phosphatase, receptor type, C antibody, Protein tyrosine phosphatase, receptor type, c polypeptide antibody, Ptprc antibody, PTPRC_HUMAN antibody, Receptor-type tyrosine-protein phosphatase C antibody, T200 antibody, T200 glycoprotein antibody, T200 leukocyte common antigen antibody
UniProt:	P08575
Pathways:	TCR Signaling , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , CXCR4-mediated Signaling Events , BCR Signaling

Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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,-80 °C

Handling

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images

