

# Datasheet for ABIN7138403

# anti-CD45 antibody (pSer1007)





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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.	
	IgG	
Isotype:	IgG	
Isotype:  Cross-Reactivity:	IgG Human, Mouse, Rat	
Cross-Reactivity:	Human, Mouse, Rat	
Cross-Reactivity:	Human, Mouse, Rat  Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH	
Cross-Reactivity:	Human, Mouse, Rat  Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific	
Cross-Reactivity:  Purification:	Human, Mouse, Rat  Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific	
Cross-Reactivity:  Purification:  Target Details	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 chromatogramphy usi	

## Target Details

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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 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 No	otes:
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WB:1:500-1:1000,

Restrictions:

For Research Use only

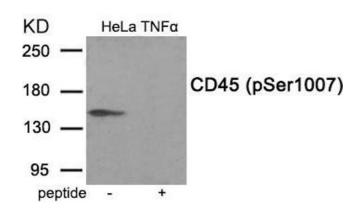
### Handling

Format:	Liquid	
Buffer:	Rabbit IgG in 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,-80 °C	

Storage Comment:

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

## **Images**



## **Western Blotting**

**Image 1.** Western blot analysis of extracts from HeLa cells treated with TNF using Phospho-CD45 (Ser1007) antibody. The lane on the right is treated with the antigenspecific peptide.