



CD45R Mouse mAb

Catalog No	YP-Ab-17792
Isotype	Mouse IgG1
Reactivity	Human,Mouse,Rat
Applications	WB,IHC-P,ICC/IF,FC,ELISA
Gene Name	CD45R
Alternative Names	PTPRC; LCA; LY5; B220; L-CA; T200; CD45; GP180
Research Field	Immunology
Product Categories	Primary antibody
Host	Mouse
Molecular Weight	Calculated MW: 148 kDa
Clonality	Monoclonal Antibody
Clonality No.	6S8-T2-X6
Dilution	WB: 1/500-1/1000 IHC: 1/100-1/200 IF: 1/50-1/200 FC: 1/50-1/100 ELISA: 1/10000
Immunogen	Purified recombinant fragment of human CD45R expressed in E. Coli.
Purification	Affinity Purified
Conjugation	Unconjugated
Modification	Unmodified
Form	Liquid
Buffer System	Purified antibody in PBS with 0.05% sodium azide
Concentration	1 mg/ml
Purity	≥90%
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Background	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitosis, and oncogenic transformation. This PTP contains an extracellular domain, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and thus is classified as a receptor type PTP. This PTP has been shown to be an essential regulator of T- and B-cell antigen receptor signaling. It functions through either direct interaction with components of the antigen receptor complexes, or by activating various Src family kinases required



for the antigen receptor signaling. This PTP also suppresses JAK kinases, and thus functions as a regulator of cytokine receptor signaling. Alternatively spliced transcripts variants of this gene, which encode distinct isoforms, have been reported.

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

