CD45 Rabbit pAb

db4592 **Package : 20μL 50μL 100μL**

Product Name : CD45 Rabbit pAb
Cat.No.: db4592
Synonyms : LCA; LY5; B220; CD45; L-CA; T200; CD45R; GP180
Application : WB, IHC, ICC/IF, FC
Reactivity : Human
Host species : Rabbit

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. [provided by RefSeq, Jun 2012]
Immunogen	A synthetic peptide of human CD45
Gene ID	5788
Swiss Prot	P08575
Synonyms	LCA; LY5; B220; CD45; L-CA; T200; CD45R; GP180
Reactivity	Human
Application	WB, IHC, ICC/IF, FC
Recommended dilution	WB: 1:2000 IHC: 1:20 ICC/IF: 1:20 FC: 1:20
Calculated MW	147 kDa
Observed MW	180-240 kDa
Host species	Rabbit

Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.