

Recombinant

DGRmAb®

CD45 (DGR15703) Rabbit mAb

db15010

Package : 10µL 20µL 50µL 100µL

Product Name : CD45 (DGR15703) Rabbit mAb**Cat.No.:** db15010**Synonyms :** LCA; LY5; B220; CD45; L-CA; T200; CD45R; GP180**Application :** WB, IHC-P, 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-P, ICC/IF, FC

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

ICC/IF: 1:100

FC: 1:20

Calculated MW

147 kDa

Observed MW

180-240 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR15703
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.



Western blot analysis of extracts from Jurkat cells using db15010 at 1:6000.