

Recombinant

DGRmAb®

## CD4 (DGR19929) Rabbit mAb

db16155

Package : 10µL 20µL 50µL 100µL

**Product Name :** CD4 (DGR19929) Rabbit mAb**Cat.No.:** db16155**Synonyms :** L3T4; Ly-4**Application :** WB, IHC-P, FC, IP**Reactivity :** Mouse,Rat**Host species :** Rabbit**Background**

Predicted to enable several functions, including interleukin-16 binding activity; interleukin-16 receptor activity; and protein homodimerization activity. Involved in helper T cell enhancement of adaptive immune response. Acts upstream of or within several processes, including defense response to Gram-negative bacterium; positive regulation of calcium-mediated signaling; and positive regulation of peptidyl-tyrosine phosphorylation. Located in endoplasmic reticulum; external side of plasma membrane; and membrane raft. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system; and liver and biliary system. Used to study type 1 diabetes mellitus. Human ortholog(s) of this gene implicated in immunodeficiency 79. Orthologous to human CD4 (CD4 molecule). [provided by Alliance of Genome Resources, Apr 2022]

**Immunogen**

A synthetic peptide of mouse CD4

**Gene ID**

12504, 24932

**Swiss Prot**

P06332, P05540

**Synonyms**

L3T4; Ly-4

**Reactivity**

Mouse,Rat

**Application**

WB, IHC-P, FC, IP

**Recommended dilution**WB: 1:1000  
IHC-P: 1:500-1:2000  
FC: 1:20-1:50  
IP: 1:20-1:50**Calculated MW**

51 kDa

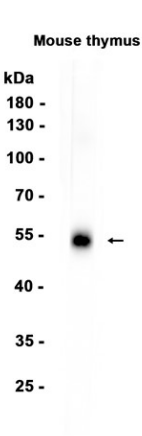
**Observed MW**

51 kDa

**Host species**

Rabbit

Clonality	Monoclonal
Clonality No.	DGR19929
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 Mouse thymus tissue using db16155 at 1:1000.