

Recombinant

DGRmAb®

CD4 (DGR14475) Rabbit mAb

db15291

Package : 10µL 20µL 50µL 100µL

Product Name : CD4 (DGR14475) Rabbit mAb**Cat.No.:** db15291**Synonyms** : L3T4; Ly-4**Application** : WB, IHC-P, IP**Reactivity** : Mouse**Host species** : Rabbit**Background**

Integral membrane glycoprotein that plays an essential role in the immune response and serves multiple functions in responses against both external and internal offenses. In T-cells, functions primarily as a coreceptor for MHC class II molecule:peptide complex. The antigens presented by class II peptides are derived from extracellular proteins while class I peptides are derived from cytosolic proteins. Interacts simultaneously with the T-cell receptor (TCR) and the MHC class II presented by antigen presenting cells (APCs). In turn, recruits the Src kinase LCK to the vicinity of the TCR-CD3 complex. LCK then initiates different intracellular signaling pathways by phosphorylating various substrates ultimately leading to lymphokine production, motility, adhesion and activation of T-helper cells.

Immunogen

Recombinant protein of mouse CD4

Gene ID

12504

Swiss Prot

P06332

Synonyms

L3T4; Ly-4

Reactivity

Mouse

Application

WB, IHC-P, IP

Recommended dilution

WB: 1:1000

IHC-P: 1:200-1:1000

IP: 1:20-1:50

Calculated MW

51 kDa

Observed MW

51 kDa

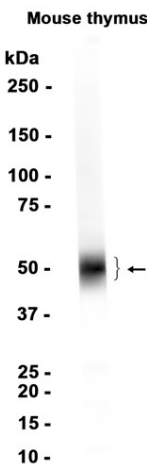
Host species

Rabbit

Clonality

Monoclonal

Clonality No.	DGR14475
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 db15291 at 1:1000.