

Recombinant

DGRmAb®

CD4 (DGR14475) Rabbit mAb (PBS Only)

db15291-PBS

Package : 100µg

Product Name : CD4 (DGR14475) Rabbit mAb (PBS Only)**Cat.No.:** db15291-PBS**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

Calculated MW

51 kDa

Observed MW

51 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

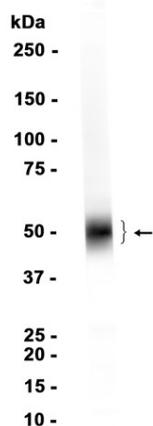
DGR14475

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.

Mouse thymus



Western blot analysis of extracts from Mouse thymus tissue using [db15291](#) at 1:1000.