

Recombinant

DGRmAb®

## CD4 (DGR14475) Rabbit mAb (PBS Only)

db15291-PBS

Package : 10µg 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.**

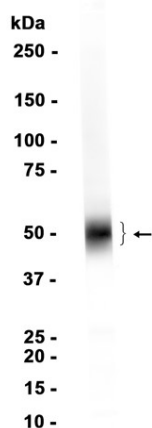
DGR14475

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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.