Recombinant DGRmAb®

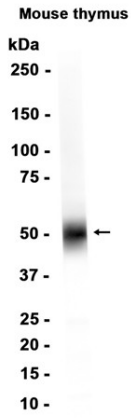
CD4 (DGR14475) Rabbit mAb (PBS Only)

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

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.



Western blot analysis of extracts from Mouse thymus tissue using db15291 at 1:1000.