

DGRmAb<sup>®</sup>

Recombinant

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

## dvagbvo 戴格生物

Clonality No.	DGR14475
lsotype	lgG
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.
Mouse thymus kDa 250 - 150 - 100 -	Western blot analysis of extracts from Mouse thymus tissue using db15291 at 1:1000.
75 - 50 - } ← 37 -	
25 - 20 - 15 - 10 -	