CD4 Rabbit pAb

db3364 **Package : 20μL 50μL 100μL**

Product Name : CD4 Rabbit pAb
Cat.No.: db3364
Synonyms : L3T4; Ly-4
Application : WB, IHC, 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, IP
Recommended dilution	WB: 1:1000 IHC: 1:200 IP: 1:20
Calculated MW	51 kDa
Observed MW	51 kDa
Host species	Rabbit
Clonality	Polyclonal
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.