

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.