# PerCP Rabbit anti-Mouse CD4 mAb

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**ABclonal** 

Catalog No.: A27322

### **Basic Information**

#### **Observed MW**

Calculated MW

51kDa

Category

Primary antibody

**Applications** 

FC

**Cross-Reactivity** 

Mouse

CloneNo number

ARC64069

Conjugate

PerCP. Ex:482nm. Em:678nm.

## **Background**

Predicted to enable several functions, including interleukin-16 binding activity; interleukin-16 receptor activity; and protein homodimerization activity. Involved in helper T cell enhancement of adaptive immune response. Acts upstream of or within several processes, including defense response to Gram-negative bacterium; positive regulation of calcium-mediated signaling; and positive regulation of peptidyl-tyrosine phosphorylation. Located in endoplasmic reticulum; external side of plasma membrane; and membrane raft. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system; and liver and biliary system. Used to study type 1 diabetes mellitus. Human ortholog(s) of this gene implicated in immunodeficiency 79. Orthologous to human CD4 (CD4 molecule).

### **Recommended Dilutions**

FC

5 μl per 10^6 cells in 100 μl volume

### Immunogen Information

**Gene ID** 12504

**Swiss Prot** 

P06332

#### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### **Synonyms**

L3T4; Ly-4

### **Contact**

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### **Product Information**

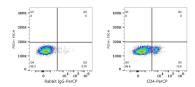
SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

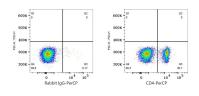
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## **Validation Data**







Flow cytometry: 1X10^6 C57BL/6 mouse splenocytes were surface-stained with PerCP Rabbit IgG isotype control (A24204,5 µl/Test,left) or PerCP Rabbit anti-Mouse CD4 mAb (A27322,5 µl/Test,right).

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