

# APC Anti-Mouse CD4 mAb

Catalog No.: A23326

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ATC0002

### Conjugate

APC. Ex:650nm. Em:660nm.

## 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** The amount of antibody required for optimal staining of a cell sample should be determined empirically in your system.

## Immunogen Information

### Gene ID

12504

### Swiss Prot

### Immunogen

Recombinant protein of Mouse CD4.

### Synonyms

L3T4; Ly-4

## Contact

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## Product Information

### Source

Rat

### Isotype

Rat IgG2b, kappa

### Purification

Affinity purification

### Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: 10 mM NaH<sub>2</sub>PO<sub>4</sub>, 150 mM NaCl, 0.09% NaN<sub>3</sub>, 0.1% gelatin, pH7.2