

PE/Cyanine7 Rabbit anti-Mouse CD4 mAb

Catalog No.: A27150

Basic Information

Observed MW

Calculated MW

51kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC64069

Conjugate

PE-Cy7. Ex:565nm. Em:778nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

Contact

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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).

Immunogen Information

Gene ID

12504

Swiss Prot

P06332

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 27-394 of mouse CD4 (NP_038516.1).

Synonyms

L3T4; Ly-4

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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