Biotin Rabbit anti-Mouse CD4 mAb

Catalog NO.: A27320

Basic Information

Observed MW

Calculated MW
51kDa

Category
Monoclonal Antibodies

Applications
FC

Cross-Reactivity
Mouse

Conjugation
Biotin

Clone number
ARC64069

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

Product Information

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www.abclonal.com

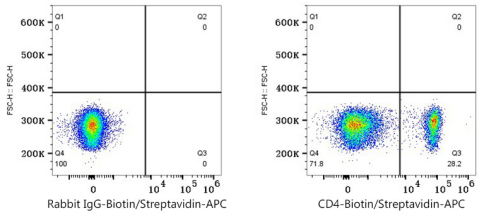
Source
Rabbit

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.

Validation Data



Flow cytometry: 1X10^6 C57BL/6 mouse splenocytes were surface-stained with Biotin Rabbit IgG isotype control (A25626,5 µl/Test,left) or Biotin Rabbit anti-Mouse CD4 mAb (A27320,5 µl/Test,right), followed by APC Streptavidin staining.

For research use only. Not for therapeutic or diagnostic purposes.

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