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APC/Cyanine7 Armenian Hamster anti-Mouse CD3e

Catalog No.: A27752

Basic Information

Observed MW

Calculated MW
21kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ACC0011

Conjugate
APC-Cy7. Ex:651nm. Em:779nm.

Background

Predicted to enable several functions, including SH3 domain binding activity; identical protein binding activity; and protein heterodimerization activity. Involved in nervous system development and positive regulation of cell adhesion. Acts upstream of or within several processes, including positive regulation of T cell activation; positive regulation of cytokine production; and regulation of signal transduction. Located in several cellular components, including dendritic spine; external side of plasma membrane; and immunological synapse. Part of alpha-beta T cell receptor complex. Is expressed in colon and hemolymphoid system. Human ortholog(s) of this gene implicated in immunodeficiency 18. Orthologous to human CD3E (CD3e molecule).

Recommended Dilutions

FC	≤0.5 μg per million cells in 100 μl volume

Immunogen Information

Gene ID
12501

Swiss Prot
P22646

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

Synonyms
CD3; T3e; CD3epsilon

Contact

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Product Information

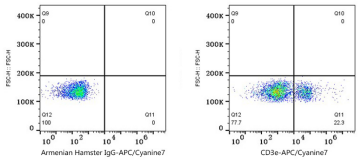
Source
Armenian Hamster

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃

Validation Data



Flow cytometry: 1X10^6 C57BL/6 mouse splenocytes were surface-stained with APC/Cyanine7 Armenian Hamster IgG isotype control (0.5 µg,left) or APC/Cyanine7 Armenian Hamster anti-Mouse CD3e mAb (A27752,0.5 µg,right).