

APC/Cyanine7 Armenian Hamster anti-Mouse CD3e mAb

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.

Recommended Dilutions

FC ≤0.5 µg per million cells
in 100 µl volume

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).

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

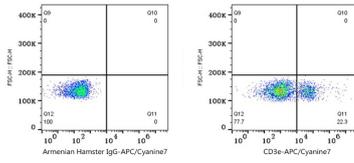
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes were surface-stained with APC/Cyanine7 Armenian Hamster IgG isotype control (0.5 μ g, left) or APC/Cyanine7 Armenian Hamster anti-Mouse CD3e mAb (A27752, 0.5 μ g, right).