

PE/Cyanine7 Armenian Hamster anti-Mouse CD3e mAb

Catalog No.: A27751

Basic Information

Observed MW

Calculated MW

21kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ACC0011-PE-Cy7

Conjugate

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

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 ≤0.25 µg per million cells
in 100 µl volume

Immunogen Information

Gene ID

12501

Swiss Prot

P22646

Immunogen

Recombinant protein of mouse CD3e.

Synonyms

CD3; T3e; CD3epsilon

Contact

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Product Information

Source

Armenian Hamster

Isotype

IgG

Purification

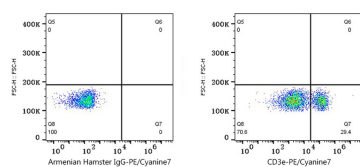
Affinity purification

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 PE/Cy5.5 Armenian Hamster IgG isotype control (0.25 μ g, left) or PE/Cy5.5 Armenian Hamster anti-Mouse CD3e mAb (A27751, 0.25 μ g, right).