

APC/Cyanine7 Armenian Hamster anti-Mouse CD3e mAb

Catalog NO.: A27752

Basic Information

Observed MW

Calculated MW

21kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Mouse

Conjugation

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

Clone number

ACC0011

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

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Armenian Hamster

Isotype

IgG

Purification

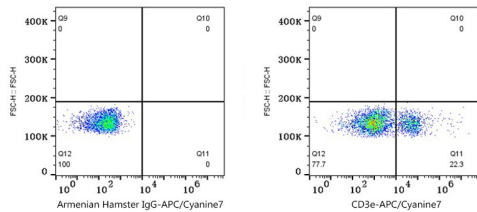
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1X10⁶ 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).

