

FITC Anti-Mouse CD3e mAb

Catalog No.: A23322

Basic Information

Observed MW

Refer to figures

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ACC0001

Conjugate

FITC. Ex:491nm. Em:516nm.

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 The suggested use of this reagent is $\leq 0.5 \mu\text{g}$ per 10^6 cells in 100 μl volume.

Immunogen Information

Gene ID

12501

Swiss Prot

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

Armenian Hamster IgG

Purification

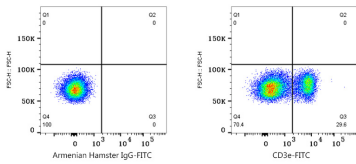
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: 10 mM NaH_2PO_4 , 150 mM NaCl, 0.09% NaN_3 , 0.1% gelatin, pH7.2

Validation Data



Flow cytometry: 1X10⁶ C57BL/6 mouse splenocytes were surface-stained with FITC Armenian Hamster IgG isotype control (5 µl/Test, left) or FITC Anti-Mouse CD3e mAb (A23322, 2 µg/mL, right).