

PE Anti-Mouse CD3e mAb

Catalog No.: A23321

Basic Information

Observed MW

Refer to figures

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ACC0001

Conjugate

PE. Ex:565nm. Em:574nm.

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 amount of antibody required for optimal staining of a cell sample should be determined empirically in your system.

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 NaH₂PO₄, 150 mM NaCl, 0.09% NaN₃, 0.1% gelatin, pH7.2