

ABflo® 450 Rabbit anti-Mouse CD3e mAb

Catalog No.: A29225

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC80921

Conjugate

ABflo® 450. Ex:406nm. Em:445nm.

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

CD3epsilon; IMD18; T3E; TCRE

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

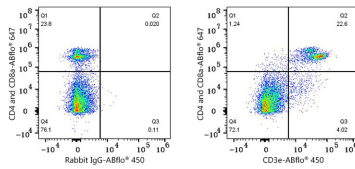
Affinity purification

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 ABflo® 647 Rabbit anti-Mouse CD4 mAb (A24721, 5 μ l/Test), ABflo® 647 Rabbit anti-Mouse CD8a mAb (A23904, 5 μ l/Test) and ABflo® 450 Rabbit IgG isotype control (A27451, 5 μ l/Test, left) or ABflo® 450 Rabbit anti-Mouse CD3e mAb (A29225, 0.5 μ g, right).