

ABflo® 450 Rabbit anti-Mouse CD3e mAb**Catalog No.: A29225****Basic Information****Observed MW****Calculated MW****Category**

Monoclonal Antibodies

Applications

FC

Cross Reactivity

Mouse

Clone No.

ARC80921

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

Product Information**Source**

Rabbit

Isotype

IgG

Purity

Affinity purification

Storage

Store at 2-8°C

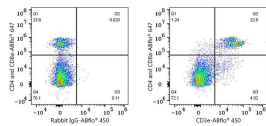
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Validation Data



Flow cytometry: 1X10⁶ C57BL/6 mouse splenocytes were surface-stained with ABflo® 647 Rabbit anti-Mouse CD4 mAb (A24721,5 µl/Test), ABflo® 647 Rabbit anti-Mouse CD8a mAb (A23904,5 µl/Test) and ABflo® 450 Rabbit IgG isotype control (A27451,5 µl/Test,left) or ABflo® 450 Rabbit anti-Mouse CD3e mAb (A29225,0.5 µg, right).