A26899

Leader in Biomolecular Solutions for Life Science

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ABflo® 488 Anti-Mouse CD3e mAb

Catalog No.: A26899 1 Publications

Basic Information

Observed MW

Calculated MW
21kDa

Category
Monoclonal Antibody

Applications
FC

Cross-Reactivity
Mouse

Conjugate
ABflo® 488. 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	5 μl per 10^6 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

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Product Information

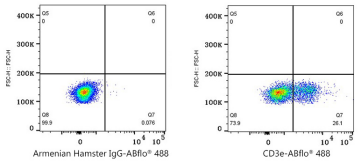
Source
Armenian Hamster

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Flow cytometry: 1X10^6 C57BL/6 splenocytes were surface-stained with ABflo® 488 Armenian Hamster IgG isotype control(5 μl/Test,left) or ABflo® 488 anti-Mouse CD3e mAb (A26899,5 μl/Test,right).

For research use only. Not for therapeutic or diagnostic purposes.
Please visit https://abclonal.com for a complete listing of recommended products.