

ABflo® 700 Mouse anti-Human CD3 mAb

Catalog NO.: A24943

Basic Information

Observed MW

Refer to figures

Calculated MW

23kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

ABflo® 700. Ex:690nm. Em:713nm.

Clone number

AMC50002

Background

The protein encoded by this gene is the CD3-epsilon polypeptide, which together with CD3-gamma, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. The epsilon polypeptide plays an essential role in T-cell development. Defects in this gene cause immunodeficiency. This gene has also been linked to a susceptibility to type I diabetes in women.

Recommended Dilutions

FC	5 µl per 10 ⁶ cells in 100 µl volume
----	---

Immunogen Information

Gene ID

916

Swiss Prot

P07766

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

T3E; TCRE; IMD18; CD3epsilon

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

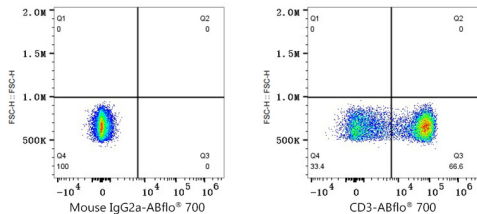
Source
 Mouse

Isotype
 mouse IgG2a

Purification
 Affinity purification

Storage
 Store at 2-8°C. Avoid freeze.
 Buffer: PBS, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry: 1X10⁶ Human PBMC were surface-stained with ABflo® 700 Mouse IgG 2a isotype control (A25744,5 µl/Test,left) or ABflo® 700 Mouse anti-Human CD3 mAb (A24943,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.

