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FITC Mouse anti-Human CD3 mAb

Catalog No.: A22794

Basic Information

Observed MW
Refer to figures

Calculated MW
23kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
AMC0533

Conjugate
FITC. Ex:491nm. Em:516nm.

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	10 µL/Test

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

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Product Information

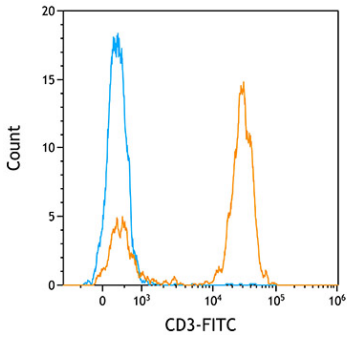
Source
Mouse

Isotype
IgG1

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Flow cytometry:1X10^6 Human PBMC were surface-stained with FITC Mouse anti-Human CD3 mAb (A22794, orange line) or FITC Mouse IgG1 isotype control mAb (A22877, blue line).