

APC Rabbit anti-Human cCD3 mAb

Catalog No.: A27929

Basic Information

Observed MW

Calculated MW
23kDa

Category
Primary antibody

Applications
FC (intra)

Cross-Reactivity
Human

CloneNo number
ARC51750

Conjugate
APC. Ex:650nm. Em:660nm.

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 (intra) 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID 916	Swiss Prot P07766
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Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
T3E; TCRE; IMD18; CD3epsilon

Contact

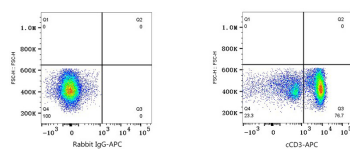
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Product Information

Source Rabbit	Isotype IgG	Purification Affinity purification
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Storage
Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1X10⁶ Human PBMC were intracellularly-stained with APC Rabbit IgG isotype control (A24173, 5 µl/Test, left) or APC Rabbit anti-Human cCD3 mAb (A27929, 5 µl/Test, right). Cells in the lymphocyte gate were used for analysis.