ABflo® 488 Rabbit anti-Human CD3 mAb

ABclonal www.abclonal.com

Catalog No.: A26283

Basic Information

Observed MW

Calculated MW

23kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC68274-ABflo488

Conjugate

ABflo® 488. 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

5 μ l per 10^6 cells in 100 μ l volume

Immunogen Information

Gene ID 916 **Swiss Prot**

P07766

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-126 of human CD3 (NP_000724.1).

Synonyms

T3E; TCRE; IMD18; CD3epsilon

Contact

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Product Information

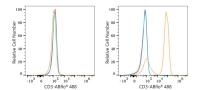
SourceIsotypePurificationRabbitIgGAffinity purification

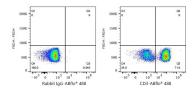
Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data





Flow cytometry: 1X10^6 Raji cells (negative control,left) and Human PBMC (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD3 mAb (A26283,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10^6 Human PBMC were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human CD3 mAb (A26283,5 µl/Test,right).