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ABflo® 488 Rabbit anti-Human/Monkey CD3 mAb

Catalog No.: A26283

Basic Information

Observed MW

Calculated MW

23kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human, Cynomolgus, Rhesus

CloneNo number

ARC68274

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

Synonyms

T3E; TCRE; IMD18; CD3epsilon

Contact

2		400-999-6126
\bowtie		cn.market@abclonal.com.cn
•	T	www.abclonal.com.cn

Product Information

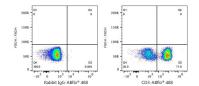
SourceIsotypePurificationRabbitIgGAffinity purification

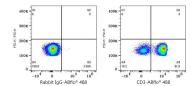
Storage

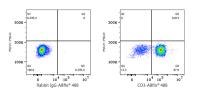
Store at 2-8°C. Avoid freeze.

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

Validation Data







Flow cytometry: 1X10^6 Human PBMC were surface-stained with ABflo ® 488 Rabbit IgG isotype control (A22069,5 μ I/Test,left) or ABflo ® 488 Rabbit anti-Human/Monkey CD3 mAb (A26283,5 μ I/Test,right). Cells in the lymphocyte gate were used for analysis.

Flow cytometry: $1X10^6$ Cynomolgus PBMC were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 μ I/Test,left) or ABflo® 488 Rabbit anti-Human/Monkey CD3 mAb (A26283,5 μ I/Test,right). Cells in the lymphocyte gate were used for analysis.

Flow cytometry: 1X10^6 Rhesus PBMC were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human/Monkey CD3 mAb (A26283,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.