Leader in Biomolecular Solutions for Life Science

www.abclonal.com

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 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

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

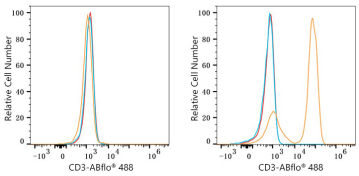
Source
Rabbit

Isotype
IgG

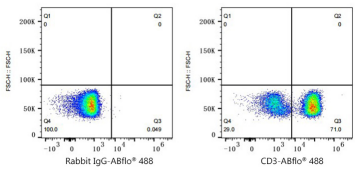
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

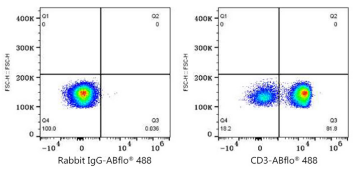
Validation Data



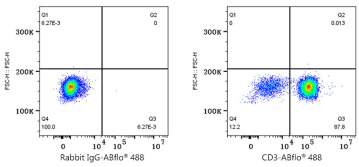
Flow cytometry: 1X10^6 Raji cells (negative control,left) and Human PBMC (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD3 mAb (A26283,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control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



Flow cytometry: 1X10^6 Cynomolgus 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.



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.