Leader in Biomolecular Solutions for Life Science

www.abclonal.com

Rabbit anti-Human CD3(scFv) mAb

Catalog No.: A29534

Basic Information

Observed MW

Calculated MW
23 kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC68277_M1(scFv)

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	1:100 - 1:500

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

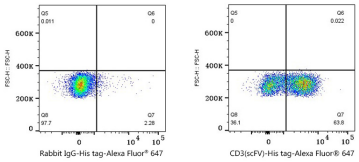
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃

Validation Data



Flow cytometry: 1X10^6 Human PBMC were surface-stained with Rabbit IgG isotype control(scFv) (A29535,2 µg/mL,left) or Rabbit anti-Human CD3(scFv) mAb (A29534,2 µg/mL,right), followed by Alexa Fluor® 647 His tag staining. Cells in the lymphocyte gate were used for analysis.