Leader in Biomolecular Solutions for Life Science

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PerCP Rabbit anti-Mouse CD3e mAb

Catalog No.: A29000

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC80921

Conjugate
PerCP. Ex:482nm. Em:678nm.

Background

CD3ε is a 20 kD transmembrane protein, also known as CD3 or T3. It is a member of the Ig superfamily, mainly expressed on T cells and NK-T cells, and expressed at different levels on thymocytes during the process of T cell differentiation. CD3ε forms TCR complexes by binding to CD3δ, γ and δ chains as well as TCR α/β or γ/δ chains. CD3 plays a key role in TCR signal transduction, T cell activation and antigen recognition by binding to peptide /MHC antigen complexes.

Recommended Dilutions

FC	≤0.25 μg per million cells in 100 μl volume

Immunogen Information

Gene ID
12501

Swiss Prot
P22646

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

Synonyms
CD3; T3e; CD3epsilon

Contact

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Product Information

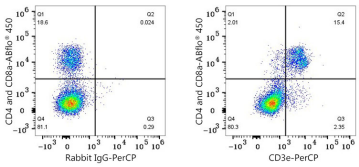
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃

Validation Data



Flow cytometry: 1X10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 450 Rabbit anti-Mouse CD4 mAb (A25941,5 µl/Test), ABflo® 450 Rabbit anti-Mouse CD8a mAb (A25943,5 µl/Test) and PerCP Rabbit IgG isotype control (A24204,5 µl/Test,left) or PerCP Rabbit anti-Mouse CD3e mAb (A29000,0.25 µg,right).