

# 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

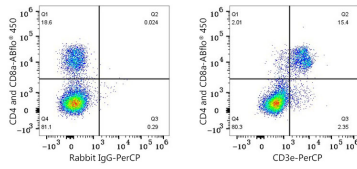
### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data

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Flow cytometry:  $1 \times 10^6$  C57BL/6 mouse splenocytes were surface-stained with ABflo® 450 Rabbit anti-Mouse CD4 mAb (A25941, 5  $\mu$ l/Test), ABflo® 450 Rabbit anti-Mouse CD8a mAb (A25943, 5  $\mu$ l/Test) and PerCP Rabbit IgG isotype control (A24204, 5  $\mu$ l/Test, left) or PerCP Rabbit anti-Mouse CD3e mAb (A29000, 0.25  $\mu$ g, right).