

# APC Rabbit anti-Human CD3 mAb

Catalog No.: A28378

## Basic Information

### Observed MW

### Calculated MW

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC68273

### Conjugate

APC. Ex:650nm. Em:660nm.

## Background

CD3ε is a 20 kD subunit of the CD3/T-cell receptor (TCR) complex. This complex typically comprises two CD3ε chains, one CD3γ chain, one CD3δ chain, a CD3ζ (CD247) homodimer, and a T-cell receptor heterodimer. It is expressed on all mature T lymphocytes, NKT cells, and a subset of thymocytes. CD3, also known as T3, is a member of the immunoglobulin superfamily and plays a critical role in antigen recognition, signal transduction, and T-cell activation.

## Recommended Dilutions

FC 5 μl per 10<sup>6</sup> 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

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

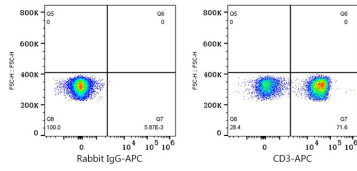
### Storage

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:  $1 \times 10^6$  Human PBMC were surface-stained with APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, left) or APC Rabbit anti-Human CD3 mAb (A28378, 5  $\mu$ l/Test, right). Cells in the lymphocyte gate were used for analysis.