

# APC Rabbit anti-Human/Monkey CD8a mAb

Catalog No.: A24799 **1 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

21kDa/25kDa/30kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human, Cynomolgus

### CloneNo number

ARC55248

### Conjugate

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

## Recommended Dilutions

**FC** 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## Background

The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen acts as a coreceptor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell in the context of class I MHC molecules. The coreceptor functions as either a homodimer composed of two alpha chains or as a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 alpha chain. Multiple transcript variants encoding different isoforms have been found for this gene.

## Immunogen Information

### Gene ID

925

### Swiss Prot

P01732

### Immunogen

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

### Synonyms

CD8A; CD8; Leu2; MAL; p32; CD8a molecule

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

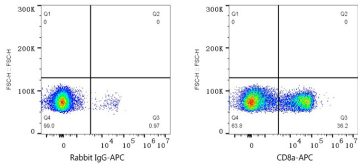
Affinity purification

### Storage

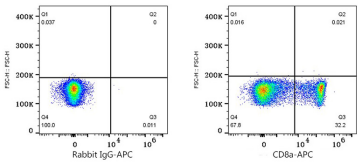
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

# Validation Data



Flow cytometry: 1X10<sup>6</sup> Cynomolgus PBMC were surface-stained with APC Rabbit IgG isotype control (A24173,5 µl/Test,left) or APC Rabbit anti-Human/Monkey CD8A mAb (A24799,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.



Flow cytometry: 1X10<sup>6</sup> Human PBMC were surface-stained with APC Rabbit IgG isotype control (A24173,5 µl/Test,left) or APC Rabbit anti-Human/Monkey CD8a mAb (A24799,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.