

# PE/Cyanine7 Rabbit anti-Mouse CD8a mAb

Catalog No.: A26742

## Basic Information

### Observed MW

### Calculated MW

27kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ARC60677-PE-Cy7

### Conjugate

PE-Cy7. Ex:565nm. Em:778nm.

## Recommended Dilutions

FC 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ l volume

## Background

Enables identical protein binding activity. Acts upstream of or within several processes, including cytotoxic T cell differentiation; defense response to virus; and positive regulation of calcium-mediated signaling. Located in external side of plasma membrane. Is expressed in several structures, including endocrine gland; exocrine gland; genitourinary system; gut; and hemolymphoid system gland. Orthologous to human CD8A (CD8a molecule).

## Immunogen Information

### Gene ID

12525

### Swiss Prot

P01731

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 28-196 of mouse CD8a (NP\_001074579.1).

### Synonyms

Ly-2; Ly-B; Ly-35; Lyt-2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

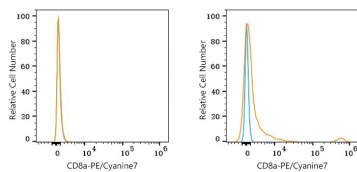
Affinity purification

### Storage

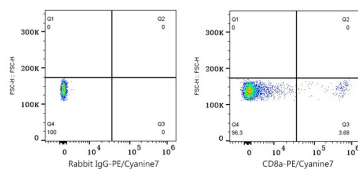
Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry:  $1 \times 10^6$  RAW264.7 cells (negative control, left) and C57BL/6 mouse splenocytes (right) were surface-stained with PE/Cyanine7 Rabbit anti-Mouse CD8a mAb (A26742, 5  $\mu$ l/Test, orange line) or PE/Cyanine7 Rabbit IgG isotype control (5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  C57BL/6 mouse splenocytes were surface-stained with PE/Cyanine7 Rabbit IgG isotype control (5  $\mu$ l/Test, left) or PE/Cyanine7 Rabbit anti-Mouse CD8a mAb (A26742, 5  $\mu$ l/Test, right).