

# ABflo® 488 Rabbit anti-Mouse CD103 mAb

Catalog No.: A27133

## Basic Information

### Observed MW

### Calculated MW

129kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ARC69162

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Background

Predicted to enable metal ion binding activity. Predicted to act upstream of or within cell adhesion and integrin-mediated signaling pathway. Located in external side of plasma membrane. Is expressed in several structures, including alimentary system; genitourinary system; lymph node; nasal septum; and nucleus pulposus. Orthologous to human ITGAE (integrin subunit alpha E).

## Recommended Dilutions

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

## Immunogen Information

### Gene ID

16407

### Swiss Prot

Q60677

### Immunogen

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

### Synonyms

CD103; aM290; alpha-E1; A530055J10; alpha-M290

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

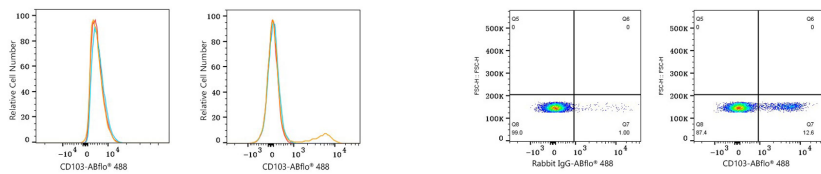
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry:  $1 \times 10^6$  NIH/3T3 cells (negative control, left) and C57BL/6 mouse splenocytes cells (right) were surface-stained with ABflo® 488 Rabbit anti-Mouse CD103 mAb (A27133, 5  $\mu$ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 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 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5  $\mu$ l/Test, left) or ABflo® 488 Rabbit anti-Mouse CD103 mAb (A27133, 5  $\mu$ l/Test, right).