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PE Rabbit anti-Mouse CD103 mAb

Catalog No.: A27132

Basic Information

Observed MW

Calculated MW
129kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC69162

Conjugate
PE. Ex:565nm. Em:574nm.

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 10^6 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

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

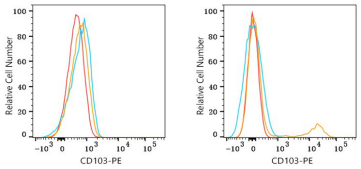
Source
Rabbit

Isotype
IgG

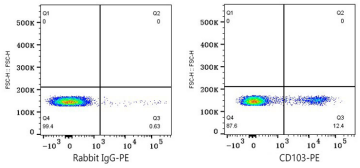
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

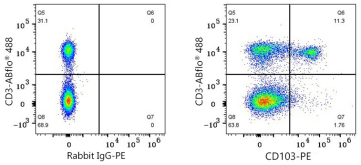
Validation Data



Flow cytometry: 1X10^6 NIH/3T3 cells (negative control,left) and C57BL/6 mouse splenocytes cells (right) were surface-stained with PE Rabbit anti-Mouse CD103 mAb (A27132,5 µl/Test,orange line) or PE Rabbit IgG isotype control (A24172,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 C57BL/6 mouse splenocytes cells were surface-stained with PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Mouse CD103 mAb (A27132,5 µl/Test,right).



Flow cytometry:1X10^6 C57BL/6 splenocytes were surface-stained with ABflo® 488 Rat anti-Mouse CD3 mAb (A27161,5 µl/Test) and PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Mouse CD103 mAb (A27132,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.