

# PE Rabbit anti-Mouse Integrin alpha 2/CD49b mAb

Catalog No.: A26558

## Basic Information

### Observed MW

**Calculated MW**  
129kDa

**Category**  
Primary antibody

**Applications**  
FC

**Cross-Reactivity**  
Mouse

**CloneNo number**  
ARC69348-PE

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

## Recommended Dilutions

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

## Background

Enables amyloid-beta binding activity. Predicted to be involved in several processes, including cell surface receptor signaling pathway; positive regulation of cell migration; and positive regulation of cellular component organization. Predicted to act upstream of or within cell adhesion. Located in basal part of cell and external side of plasma membrane. Is expressed in several structures, including alimentary system; brain; cardiovascular system; eye; and genitourinary system. Human ortholog(s) of this gene implicated in several diseases, including Behcet's disease; artery disease (multiple); blood platelet disease (multiple); diabetes mellitus (multiple); and von Willebrand's disease (multiple). Orthologous to human ITGA2 (integrin subunit alpha 2).

## Immunogen Information

<b>Gene ID</b> 16398	<b>Swiss Prot</b> Q62469
-------------------------	-----------------------------

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 168-366 of mouse Integrin alpha 2/CD49b (NP\_032422.2).

### Synonyms

DX5; GPIa; CD49B

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

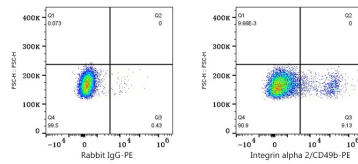
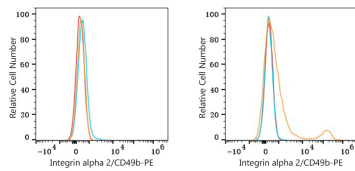
## Product Information

<b>Source</b> Rabbit	<b>Isotype</b> IgG	<b>Purification</b> 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:  $1 \times 10^6$  293T cells (negative control, left) and 293T (Transfection, right) cells were surface-stained with PE Rabbit anti-Mouse Integrin alpha 2/CD49b mAb (A26558, 5  $\mu$ l/Test, orange line) or PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  293T (Transfection) cells were surface-stained with PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, left) or PE Rabbit anti-Mouse Integrin alpha 2/CD49b mAb (A26558, 5  $\mu$ l/Test, right).