

# Biotin Rabbit anti-Mouse CD49b/ITGA2 mAb

Catalog No.: A28151

## Basic Information

### Observed MW

### Calculated MW

129 kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ARC69348

### Conjugate

Biotin

## 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).

## Recommended Dilutions

FC ≤0.5 µg per million cells  
in 100 µl volume

## Immunogen Information

### Gene ID

16398

### Swiss Prot

Q62469

### Immunogen

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

### Synonyms

DX5; GPIa; CD49B

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

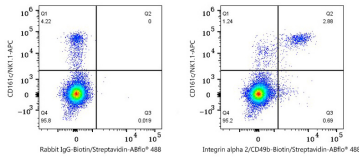
### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data

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Flow cytometry: 1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface-stained with APC Rabbit anti-Mouse CD161c/NK1.1 mAb (A25913, 5 µl/Test) and Biotin Rabbit IgG isotype control (A25626, 5 µl/Test, left) or Biotin Rabbit anti-Mouse Integrin alpha 2/CD49b mAb (A28151, 0.5 µg, right), followed by ABflo® 488 Streptavidin staining.