

PE Rat anti-Mouse CD49b/ITGA2 Rabbit mAb

Catalog No.: A25651 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

129kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ATC0008

Conjugate

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

Recommended Dilutions

FC The suggested use of this reagent is $\leq 0.5 \mu\text{g}$ per 10^6 cells in 100 μl 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

Gene ID

16398

Swiss Prot

Q62469

Immunogen

This information is considered to be commercially sensitive.

Synonyms

DX5; GPIa; CD49B

Contact

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Product Information

Source

Rat

Isotype

Rat IgM, κ

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide