

PE anti-Mouse CD41 mAb

Catalog No.: A25664

Basic Information

Observed MW

Refer to figures

Calculated MW

113kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ATC0018

Conjugate

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

Recommended Dilutions

FC The suggested use of this reagent is $\leq 0.25 \mu\text{g}$ per 10^6 cells in 100 μl volume.

Background

Enables extracellular matrix binding activity. Acts upstream of or within cell-matrix adhesion. Located in external side of plasma membrane and focal adhesion. Is expressed in several structures, including early conceptus; genitourinary system; gut; hematopoietic system; and liver. Used to study platelet-type bleeding disorder 16. Human ortholog(s) of this gene implicated in Glanzmann's thrombasthenia; platelet-type bleeding disorder 16; thrombocytopenia; and von Willebrand's disease 1. Orthologous to human ITGA2B (integrin subunit alpha 2b).

Immunogen Information

Gene ID

16399

Swiss Prot

Q9QUM0

Immunogen

Mouse platelets

Synonyms

CD41; CD41B; GpIIb; alphallb

Contact

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Product Information

Source

Rat

Isotype

Rat IgG1, 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