Leader in Biomolecular Solutions for Life Science

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PE Rabbit anti-Mouse CD61 mAb

Catalog No.: A29216

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC81769

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

Background

Enables integrin binding activity and protein kinase C binding activity. Involved in several processes, including integrin-mediated signaling pathway; positive regulation of T cell migration; and positive regulation of osteoblast proliferation. Acts upstream of or within several processes, including blood coagulation; positive regulation of cell-substrate adhesion; and regulation of cell migration. Located in several cellular components, including apical plasma membrane; external side of plasma membrane; and focal adhesion. Part of alpha9-beta1 integrin-ADAM8 complex and alphav-beta3 integrin-PKCalpha complex. Is active in glutamatergic synapse and synaptic membrane. Is expressed in several structures, including bone; brain; early conceptus; genitourinary system; and gut. Used to study Glanzmann's thrombasthenia and platelet-type bleeding disorder 16. Human ortholog(s) of this gene implicated in several diseases, including autoimmune thrombocytopenic purpura; blood platelet disease (multiple); end stage renal disease; myocardial infarction; and non-arteritic anterior ischemic optic neuropathy. Orthologous to human ITGB3 (integrin subunit beta 3).

Recommended Dilutions

FC	≤0.5 μg per million cells in 100 μl volume

Immunogen Information

Gene ID
16416

Swiss Prot
O54890

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

Synonyms
CD61; GP3A; INGRB3

Contact

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Product Information

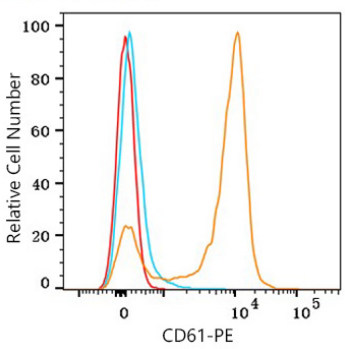
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Flow cytometry: 1X10^6 C57BL/6 mouse bone marrow cells were surface-stained with PE Rabbit anti-Mouse CD61 mAb (A29216,0.5 µg,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).

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