

APC Rabbit anti-Mouse CD61 mAb

Catalog No.: A29217

Basic Information

Observed MW**Calculated MW****Category**

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC81769

Conjugate

APC. Ex:650nm. Em:660nm.

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 alpha5-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

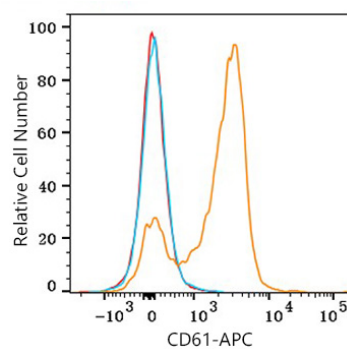
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 C57BL/6 mouse bone marrow cells were surface-stained with APC Rabbit anti-Mouse CD61 mAb (A29217, 0.5 μ g, orange line) or APC Rabbit IgG isotype control (A24173, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).