

A29216

Leader in Biomolecular Solutions for Life Science



PE Rabbit anti-Mouse CD61 mAb

Catalog No.: A29216

Basic Information

Observed MW

Calculated MW

Category

Monoclonal Antibody

Applications

FC

Cross-Reactivity

Mouse

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 $\leq 0.5 \mu\text{g}$ 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

 www.abclonal.com

Product Information

Source
Rabbit

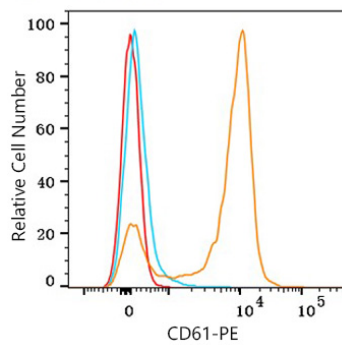
Isotype
IgG

Purification
Affinity purification

Storage

Store at -20°C

Validation Data



Flow cytometry: 1×10^6 C57BL/6 mouse bone marrow cells were surface-stained with PE Rabbit anti-Mouse CD61 mAb (A29216, 0.5 μ g, orange line) or PE Rabbit IgG isotype control (A24172, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).