PE/Cyanine5 Rabbit anti-Mouse CD11b mAb

Catalog NO.: A27344

Basic Information

Observed MW

Calculated MW
127kDa

Category
Monoclonal Antibodies

Applications
FC

Cross-Reactivity
Mouse

Conjugation
PE-Cy5. Ex:565nm. Em:666nm.

Clone number
ARC63899

Background

Enables complement component C3b binding activity; heparan sulfate proteoglycan binding activity; and heparin binding activity. Contributes to cargo receptor activity. Involved in several processes, including central nervous system development; endocytosis; and positive regulation of neuron death. Acts upstream of or within several processes, including activated T cell proliferation; leukocyte migration; and microglia development. Located in external side of plasma membrane and nucleus. Is integral component of membrane. Part of integrin alphaM-beta2 complex. Is expressed in several structures, including central nervous system; heart; lymphatic vessel; thymus; and yolk sac. Human ortholog(s) of this gene implicated in lupus nephritis. Orthologous to human ITGAM (integrin subunit alpha M).

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
16409

Swiss Prot
P05555

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

Synonyms
CR3; CR3A; MAC1; Cd11b; Ly-40; Mac-1; Mac-1a; CD11b/CD18; F730045J24Rik

Contact

Product Information

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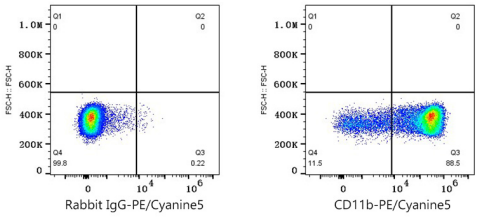
Source
Rabbit

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: 1X10^6 C57BL/6 mouse bone marrow cells were surface-stained with PE/Cyanine5 Rabbit IgG isotype control (0.125 µg,left) or PE/Cyanine5 Rabbit anti-Mouse CD11b mAb (A27344,0.125 µg,right).

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