

PerCP Rabbit anti-Mouse CD11b mAb

Catalog NO.: A27343

Basic Information

Observed MW

Calculated MW

127kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Mouse

Conjugation

PerCP. Ex:482nm. Em:678nm.

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 10⁶ 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

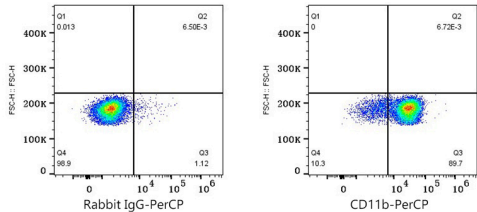
Contact

Product Information

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Source	Isotype	Purification
Rabbit	IgG	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: 1X10⁶ C57BL/6 mouse bone marrow cells were surface-stained with PerCP Rabbit IgG isotype control (A24204,5 µl/Test,left) or PerCP Rabbit anti-Mouse CD11b mAb (A27343,5 µl/Test,right).

