Leader in Biomolecular Solutions for Life Science

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ABflo® 488 Rabbit anti-Mouse CD11b mAb

Catalog No.: A29073

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC63899

Conjugate
ABflo® 488. Ex:491nm. Em:516nm.

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	≤0.25 μg per million 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

400-999-6126

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Product Information

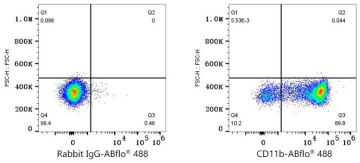
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃

Validation Data



Flow cytometry: 1X10^6 C57BL/6 mouse bone marrow cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Mouse CD11b mAb (A29073,0.25 µg,right).

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.