A24415

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F4/80 Rabbit mAb

Catalog No.: A24415 Recombinant

Basic Information

Observed MW
Refer to figures

Calculated MW
102kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
FC,ELISA

Cross-Reactivity
Mouse

CloneNo number
ARC62251

Background

Predicted to enable G protein-coupled receptor activity. Predicted to be involved in adenylate cyclase-activating G protein-coupled receptor signaling pathway. Predicted to act upstream of or within G protein-coupled receptor signaling pathway and adaptive immune response. Located in external side of plasma membrane. Is expressed in several structures, including cardiovascular system; central nervous system; genitourinary system; hemolymphoid system; and intestine. Orthologous to human ADGRE1 (adhesion G protein-coupled receptor E1).

Recommended Dilutions

FC	1:100 - 1:500

Immunogen Information

Gene ID
13733

Swiss Prot
Q61549

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 367-645 of mouse F4/80(NP_034260.1).

Synonyms
Emr1; Ly71; F4/80; Gpf480; TM7LN3; DD7A5-7; EGF-TM7

Contact

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Product Information

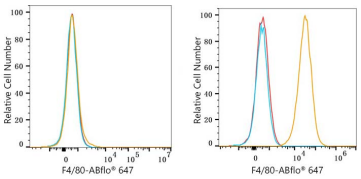
Source
Rabbit

Isotype
IgG

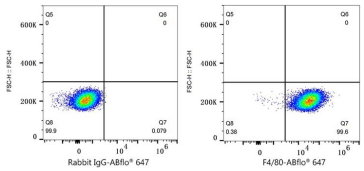
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Flow cytometry: 1X10^6 NIH/3T3 cells (negative control,left) and RAW 264.7 cells (right) were surface-stained with F4/80 Rabbit mAb(A24415,2μg/mL,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,2μg/mL,blue line),followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:1X10^6 RAW 264.7 cells cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,2 μg/mL,left) or F4/80 Rabbit mAb(A24415,2 μg/mL,right).