

APC Rat anti-Mouse F4/80 mAb

Catalog No.: A27478

Basic Information

Observed MW

Calculated MW
102kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ATC10004

Conjugate
APC. Ex:650nm. Em:660nm.

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 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID	Swiss Prot
13733	Q61549

Immunogen

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

Synonyms

Emr1; Ly71; F4/80; Gpf480; TM7LN3; DD7A5-7; EGF-TM7□Adgre1

Contact

☎		400-999-6126
✉		cn.market@abclonal.com.cn
🌐		www.abclonal.com.cn

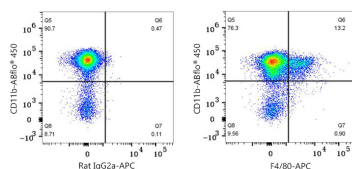
Product Information

Source	Isotype	Purification
Rat	IgG2a, κ	Affinity purification

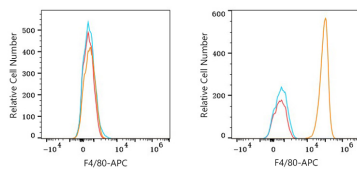
Storage

Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

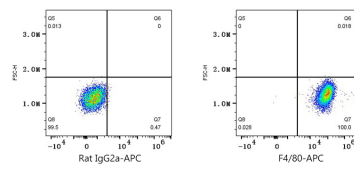
Validation Data



Flow cytometry: 1×10^6 C57BL/6 mouse bone marrow cells were surface-stained with ABflo® 450 Rabbit anti-Mouse CD11b mAb (A26229, 5 μ l/Test) and APC Rat IgG2a isotype control (5 μ l/Test, left) or APC Rat anti-Mouse F4/80 mAb (A27478, 5 μ l/Test, right). Total viable cells were used for analysis.



Flow cytometry: 1×10^6 C2C12 cells (negative control, left) and RAW 264.7 cells (right) were surface-stained with APC Rat anti-Mouse F4/80 mAb (A27478, 5 μ l/Test, orange line) or APC Rat IgG2a isotype control (5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 RAW 264.7 cells were surface-stained with APC Rat IgG2a isotype control (5 μ l/Test, left) or APC Rat anti-Mouse F4/80 mAb (A27478, 5 μ l/Test, right).