

ABflo® 450 Rat anti-Mouse F4/80 mAb

Catalog No.: A27747

Basic Information

Observed MW

Calculated MW
102kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ATC10004

Conjugate
ABflo® 450. Ex:406nm. Em:445nm.

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 ≤0.25 µg per million 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

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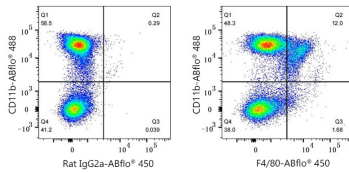
Product Information

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: 1X10⁶ C57BL/6 bone marrow cells were surface-stained with ABflo® 488 Rabbit anti-Mouse CD11b mAb (A24094, 5 µl/Test) and ABflo® 450 Rat IgG2a isotype control (5 µl/Test, left) or ABflo® 450 Rat anti-Mouse F4/80 mAb (A27747, 0.25 µg, right).