

# Biotin Rat anti-Mouse F4/80 mAb

Catalog No.: A28150

## Basic Information

### Observed MW

### Calculated MW

102 kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ATC10004

### Conjugate

Biotin

## 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

13733

### Swiss Prot

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

## Contact

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## Product Information

### Source

Rat

### Isotype

IgG2a, κ

### Purification

Affinity purification

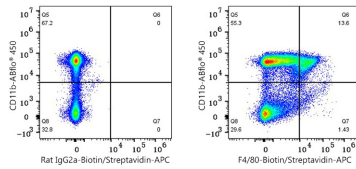
### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## Validation Data

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Flow cytometry: 1X10<sup>6</sup> C57BL/6 mouse bone marrow cells were surface-stained with ABflo® 450 Rabbit anti-Mouse CD11b mAb (A26229, 5 µl/Test) and Biotin Rat IgG2a isotype control (5 µl/Test, left) or Biotin Rat anti-Mouse F4/80 mAb (A28150, 0.25 µg, right), followed by APC Streptavidin staining.