

For Research Use Only

# FcZero-rAb™ Biotin Anti-Mouse F4/80 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98236



## Basic Information

<b>Catalog Number:</b> Biotin-FcA98236	<b>GenBank Accession Number:</b> NM_010130.4	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 100ug, 500 ug/ml	<b>GeneID (NCBI):</b> 13733	<b>CloneNo.:</b> 241959G4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q61549	<b>Recommended Dilutions:</b> FC: 0.25 ug per 10 <sup>6</sup> cells in a 100 µl suspension
<b>Isotype:</b> IgG	<b>Full Name:</b> EGF-like module containing, mucin-like, hormone receptor-like sequence	<b>Excitation/Emission maxima wavelengths:</b> -
<b>Immunogen Catalog Number:</b> EG0788	<b>Calculated MW:</b> 102 kDa	

## Applications

<b>Tested Applications:</b> FC	<b>Positive Controls:</b> FC : mouse peritoneal macrophages,
<b>Species Specificity:</b> mouse	

## Background Information

Mouse F4/80, also named as EMR1 and Gpf480, is a 160-kDa cell surface glycoprotein which is a member of the EGF TM7 family. The F4/80 molecule is solely expressed on the surface of macrophages and serves as a marker for mature macrophage tissues, including Kupffer cells in liver, splenic red pulp macrophages, brain microglia, gut lamina propria and Langerhans cells in the skin. The function of F4/80 is unclear, but it is speculated to be involved in macrophage adhesion events, cell migration or as a G protein-coupled signaling component of macrophages.

## Storage

**Storage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.09% sodium azide, pH7.3

For technical support and original validation data for this product please contact:

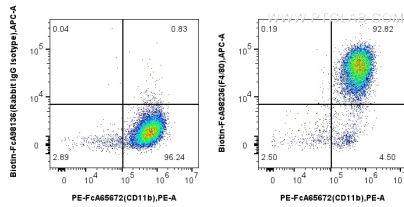
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## Selected Validation Data



1x10<sup>6</sup> mouse peritoneal macrophages were surface stained with 0.25 ug Biotin Anti-Mouse F4/80 Rabbit RecAb (Biotin-FcA98236, Clone: 241959G4) or 0.25 ug FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and APC-conjugated streptavidin. Cells were then stained with FcZero-rAb™ PE Anti-Mouse CD11b (M1/70). Cells were not fixed.