

For Research Use Only

FcZero-rAb™ PE-Cyanine7 Anti-Mouse F4/80 Rabbit Recombinant Antibody

Catalog Number: PY7-FcA98236



Basic Information

Catalog Number:

PY7-FcA98236

Concentration:

100ug, 200 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0788

GenBank Accession Number:

NM_010130.4

GeneID (NCBI):

13733

UNIPROT ID:

Q61549

Full Name:

EGF-like module containing, mucin-like, hormone receptor-like sequence

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Calculated MW:

102 kDa

Purification Method:

Protein A purification

CloneNo.:

241959G4

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maximum wavelengths:

496 nm, 565 nm / 778 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse peritoneal macrophages,

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 and 0.5% BSA, pH7.3

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

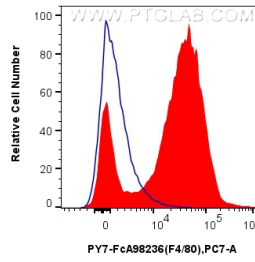
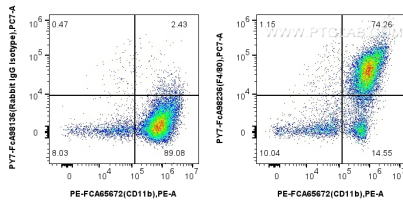
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Selected Validation Data



1x10⁶ mouse peritoneal macrophages were surface stained with FcZero-rAb™ PE Anti-Mouse CD11b (M1/70), and 0.25 ug PE-Cyanine7 Anti-Mouse F4/80 Rabbit RecAb (PY7-FcA98236, Clone: 241959G4) or FcZero-rAb™ PE-Cyanine7 Rabbit IgG Isotype Control Recombinant Antibody (PY7-FcA98136, Clone: 240953C9). Cells were not fixed.

1x10⁶ mouse peritoneal macrophages were surface stained with 0.25 ug PE-Cyanine7 Anti-Mouse F4/80 Rabbit RecAb (PY7-FcA98236, Clone: 241959G4) (red) or FcZero-rAb™ PE-Cyanine7 Rabbit IgG Isotype Control Recombinant Antibody (PY7-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.