

For Research Use Only

# FcZero-rAb® PE-Cyanine5 Anti-Mouse F4/80 Rabbit Recombinant Antibody

Catalog Number: PY5-FcA98236



## Basic Information

Catalog Number:

PY5-FcA98236

Size:

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: 0.1 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maximum wavelengths:

496 nm, 565 nm / 666 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

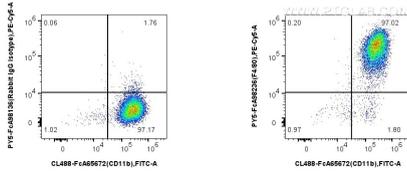
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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## Selected Validation Data



1x10<sup>6</sup> mouse peritoneal macrophages were surface stained with FcZero-rAb™ CoraLite® Plus 488 Anti-Mouse CD11b, and 0.1 ug PE-Cyanine5 Anti-Mouse F4/80 Rabbit RecAb (PY5-FcA98236, Clone: 241959G4) or 0.1 ug FcZero-rAb™ PE-Cyanine5 Rabbit IgG Isotype Control Recombinant Antibody (PY5-FcA98136, Clone: 240953C9). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not fixed.