

For Research Use Only

# FcZero-rAb® PE-CoraLite® Plus 594 Anti-Mouse F4/80 Rabbit Recombinant Antibody

Catalog Number: PCL594-FcA98236



## Basic Information

Catalog Number:  
PCL594-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  
1

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 maxima  
wavelengths:  
496 nm, 565 nm / 604 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:

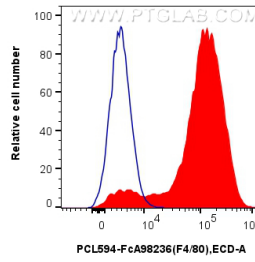
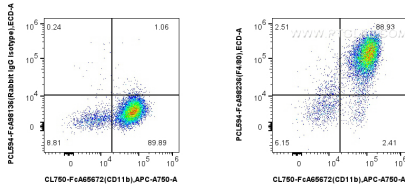
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## Selected Validation Data



1x10<sup>6</sup> mouse peritoneal macrophages were surface stained with FcZero-rAb® CoraLite® Plus 647 Anti-Mouse CD11b, and 0.1 ug PE-CoraLite® Plus 594 Anti-Mouse F4/80 Rabbit RecAb (PCL594-FcA98236, Clone: 241959G4) or 0.1 ug FcZero-rAb® PE-CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9). Cells were incubated with MonoZero™ Human/Mouse 3-in-1 blocking Reagent (PF00029) prior to staining. Cells



1x10<sup>6</sup> mouse peritoneal macrophages were surface stained with 0.1 ug PE-CoraLite® Plus 594 Anti-Mouse F4/80 Rabbit RecAb (PCL594-FcA98236, Clone: 241959G4) (red) or 0.1 ug FcZero-rAb® PE-CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9) (blue). Cells were incubated with MonoZero™ Human/Mouse 3-in-1 blocking Reagent (PF00029) prior to staining. Cells were not fixed.