For Research Use Only

PE Anti-Mouse F4/80 Rabbit Recombinant Antibody

Catalog Number:PE-98236

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Basic Information

Catalog Number:
PE-98236

Size:
100ug , 200 µg/ml

Source:
Rabbit

Isotype:
IgG

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

Excitation/Emission maxima wavelengths:
496 nm, 565 nm / 578 nm

Applications

Tested Applications:
FC

Species Specificity:
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.

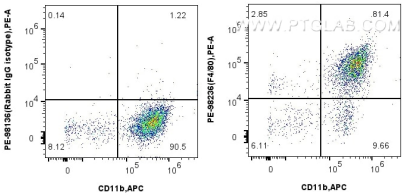
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

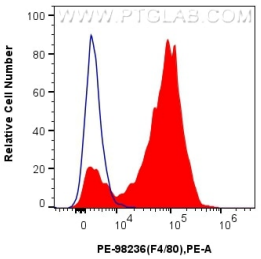
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10^6 mouse peritoneal macrophages were surface stained with APC Anti-Mouse CD11b and 0.1 ug PE Anti-Mouse F4/80 Rabbit Recombinant Antibody (PE-98236, Clone:241959G4) or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-98136, Clone: 240953C9). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10^6 mouse peritoneal macrophages were surface stained with 0.1 ug PE Anti-Mouse F4/80 Rabbit Recombinant Antibody (PE-98236, Clone:241959G4)(red) or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-98136, Clone: 240953C9)(blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.