

For Research Use Only



FcZero-rAb® PE-Cyanine5.5 Anti-Mouse F4/80 Rabbit Recombinant Antibody

Catalog Number: PY5P5-FcA98236

Basic Information

Catalog Number: PY5P5-FcA98236	GenBank Accession Number: NM_010130.4	Purification Method: Protein A purification
Concentration: 100ug, 200 ug/ml	GeneID (NCBI): 13733	CloneNo.: 241959G4
Source: Rabbit	UNIPROT ID: Q61549	Recommended Dilutions: FC: 0.1 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: EGF-like module containing, mucin-like, hormone receptor-like sequence	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 692 nm
Immunogen Catalog Number: EG0788	Calculated MW: 102 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : mouse peritoneal macrophages,
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.

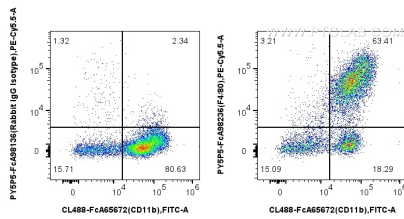
Storage

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

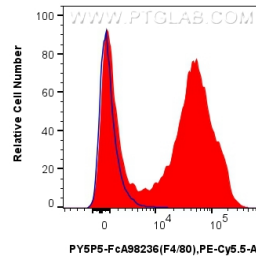
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

Selected Validation Data



1x10⁶ mouse peritoneal macrophages were surface stained with FcZero-rAb™ CoraLite® Plus 488 Anti-Mouse CD11b (M1/70), and 0.1 ug PE-Cyanine5.5 Anti-Mouse F4/80 Rabbit RecAb (PY5P5-FcA98236, Clone: 241959G4) or FcZero-rAb™ PE-Cyanine5.5 Rabbit IgG Isotype Control Recombinant Antibody (PY5P5-FcA98136, Clone: 240953C9). Cells were incubated with MonoZero™ Human/Mouse Fc blocking Reagent (PF00029) prior to staining. Cells were not fixed.



1x10⁶ mouse peritoneal macrophages were surface stained with 0.1 ug PE-Cyanine5.5 Anti-Mouse F4/80 Rabbit RecAb (PY5P5-FcA98236, Clone: 241959G4) (red) or FcZero-rAb™ PE-Cyanine5.5 Rabbit IgG Isotype Control Recombinant Antibody (PY5P5-FcA98136, Clone: 240953C9) (blue). Cells were incubated with MonoZero™ Human/Mouse Fc blocking Reagent (PF00029) prior to staining. Cells were not fixed.