

For Research Use Only

Anti-Mouse F4/80 Rabbit Recombinant Antibody

Catalog Number: 98236-1-RR



Basic Information

Catalog Number: 98236-1-RR	GenBank Accession Number: NM_010130.4	Purification Method: Protein A purification
Size: 100ug, 1000 µg/ml	GeneID (NCBI): 13733	CloneNo.: 241959G4
Source: Rabbit	UNIPROT ID: Q61549	
Isotype: IgG	Full Name: EGF-like module containing, mucin-like, hormone receptor-like sequence 1	
	Calculated MW: 102 kDa	

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. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

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

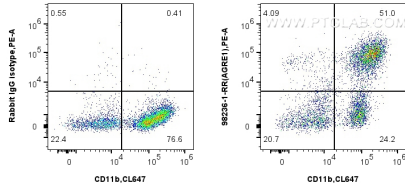
T: 4006900926

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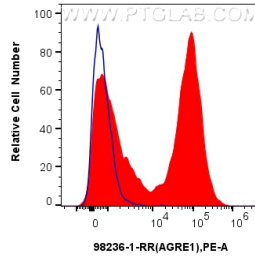
W: ptgcn.com

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Selected Validation Data



1x10⁶ Balb/c mouse peritoneal macrophages were surface stained with 0.25 ug Anti-Mouse F4/80 Rabbit Recombinant Antibody (98236-1-RR, Clone: 241959G4) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 647 Anti-Mouse CD11b. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ Balb/c mouse peritoneal macrophages were surface stained with 0.25 ug Anti-Mouse F4/80 Rabbit Recombinant Antibody (98236-1-RR, Clone: 241959G4) (red) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.