

For Research Use Only

APC Anti-Mouse F4/80 Rabbit Recombinant Antibody

Catalog Number: **APC-98236**



Basic Information

Catalog Number:	APC-98236	GenBank Accession Number:	NM_010130.4	Purification Method:	Protein A purification
Concentration:	100ug, 200 ug/ml	GenID (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 1	Excitation/Emission maxima:	650 nm / 660 nm
Immunogen Catalog Number:	EG0788	Calculated MW:	102 kDa	wavelengths:	

Applications

Tested Applications:	Positive Controls:
FC	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 and 0.5% BSA, pH7.3

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

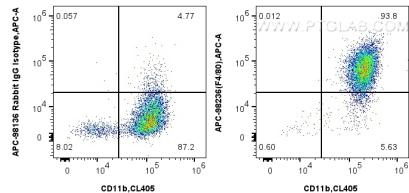
T: 4006900926

E: Proteintech-CN@ptglab.com

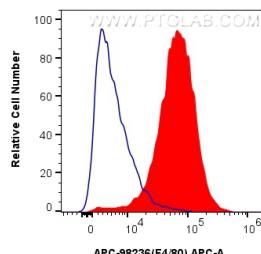
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Selected Validation Data



1x10⁶ mouse peritoneal macrophages were surface stained with CoraLite® Plus 405 Anti-Mouse CD11b, and 0.1 ug APC Anti-Mouse F4/80 Rabbit RecAb (APC-98236, Clone: 241959G4) or APC Rabbit IgG Isotype Control Recombinant Antibody (APC-98136, Clone: 240953C9). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ mouse peritoneal macrophages were surface stained with 0.1 ug APC Anti-Mouse F4/80 Rabbit RecAb (APC-98236, Clone: 241959G4) (red) or APC Rabbit IgG Isotype Control Recombinant Antibody (APC-98136, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.