

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
Size:	100ug , 200 ug/ml	GenID (NCBI):	13733	CloneNo.:	241959G4
Source:	Rabbit	UNIPROT ID:	Q61549	Recommended Dilutions:	FC: 0.1 ug per 10 <sup>6</sup> cells in a 100 $\mu$ l 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:	FC	Positive Controls:
Species Specificity:	mouse	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.

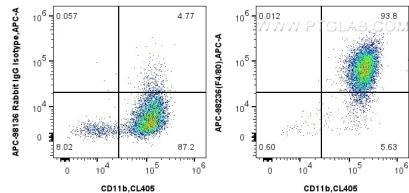
## Storage

**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

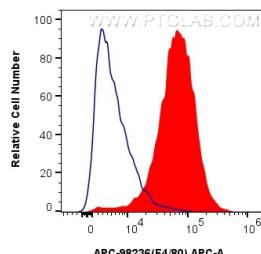
For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



1x10<sup>6</sup> 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.



1x10<sup>6</sup> 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.