

For Research Use Only

# CoraLite®700 Anti-Mouse F4/80 Rabbit Recombinant Antibody

Catalog Number:CL700-98236



## Basic Information

Catalog Number:

CL700-98236

Size:

100ug , 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0788

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

Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

702 nm / 723 nm

## Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

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, pH7.3

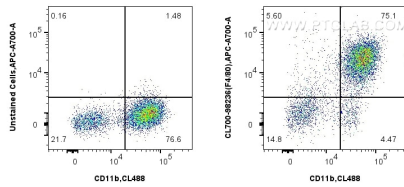
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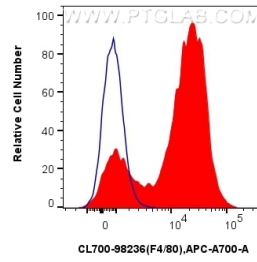
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## Selected Validation Data



1x10<sup>6</sup> mouse peritoneal macrophages were surface stained with CoraLite® Plus 488 Anti-Mouse CD11b, and 0.25 ug CoraLite® 700 Anti-Mouse F4/80 Rabbit RecAb (CL700-98236, Clone: 241959G4) or unstained. 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 0.25 ug CoraLite® 700 Anti-Mouse F4/80 Rabbit RecAb (CL700-98236, Clone: 241959G4) (red) or unstained (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.