

For Research Use Only

CoraLite®594 Anti-Mouse F4/80 Rabbit Recombinant Antibody

Catalog Number:CL594-98236



Basic Information

Catalog Number:

CL594-98236

Concentration:

100ug, 500 µg/ml

Source:

Rabbit

Isotype:

IgG

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

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide.

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

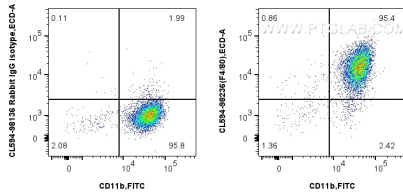
T: 4006900926

E: Proteintech-CN@ptglab.com

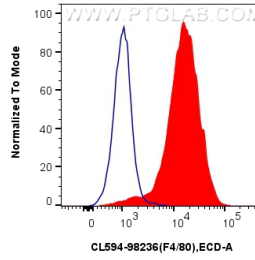
W: ptgcn.com

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Selected Validation Data



1x10⁶ mouse peritoneal macrophages were surface stained with FITC Plus Anti-Mouse CD11b, and 0.25 ug CoraLite®594 Anti-Mouse F4/80 Rabbit RecAb (CL594-98236, Clone: 241959G4) or 0.25 ug CoraLite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9). Cells were incubated with FC Receptor Block prior to fixing and staining. Cells were not fixed.



1x10⁶ mouse peritoneal macrophages were surface stained with 0.25 ug CoraLite®594 Anti-Mouse F4/80 Rabbit RecAb (CL594-98236, Clone: 241959G4) (red) or 0.25 ug CoraLite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to fixing and staining. Cells were not fixed.