

For Research Use Only

CoraLite® Plus 488-conjugated F4/80 Recombinant monoclonal antibody

Catalog Number: CL488-81668



Basic Information

Catalog Number:

CL488-81668

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28252

GenBank Accession Number:

NM_010130

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.:

2P18

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

Species Specificity:

mouse

Background Information

Mouse F4/80, also named as EMR1 and Gp480, is a 160kd 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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

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

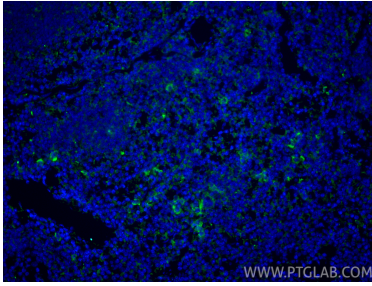
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse spleen tissue using CoraLite® Plus 488 F4/80 antibody (CL488-81668, Clone: 2P18) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).