

For Research Use Only

CoraLite® Plus 647-conjugated F4/80 Recombinant antibody

Catalog Number: CL647-84538



Basic Information

Catalog Number: CL647-84538	GenBank Accession Number: NM_010130.4	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 13733	CloneNo.: 241959B6
Source: Rabbit	UNIPROT ID: Q61549	Recommended Dilutions: IF-P: 1:50-1:500
Isotype: IgG	Full Name: EGF-like module containing, mucin-like, hormone receptor-like sequence	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Immunogen Catalog Number: EG0788	Calculated MW: 102 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : mouse liver tissue,
Species Specificity: mouse	

Background Information

Mouse F4/80, also named as EMR1 and Gpf480, 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.

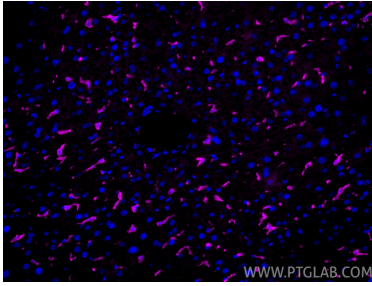
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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 liver tissue using CoraLite® Plus 647 F4/80 antibody (CL647-84538, Clone: 241959B6) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).