

For Research Use Only

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

Catalog Number: CL488-81668



Basic Information

Catalog Number: CL488-81668	GenBank Accession Number: NM_010130	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 13733	CloneNo.: 2P18
Source: Rabbit	UNIPROT ID: Q61549	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: EGF-like module containing, mucin-like, hormone receptor-like sequence	
Immunogen Catalog Number: AG28252	Calculated MW: 102 kDa	

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.

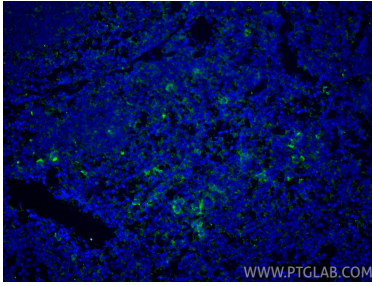
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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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).