

For Research Use Only

Mouse F4/80 Recombinant antibody, PBS Only



Catalog Number: 81668-1-PBS

Basic Information

Catalog Number: 81668-1-PBS	GenBank Accession Number: NM_010130	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 13733	CloneNo.: 2P18
Source: Rabbit	UNIPROT ID: Q61549	
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:
IF, IHC, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS Only

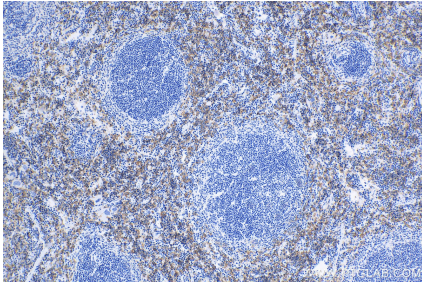
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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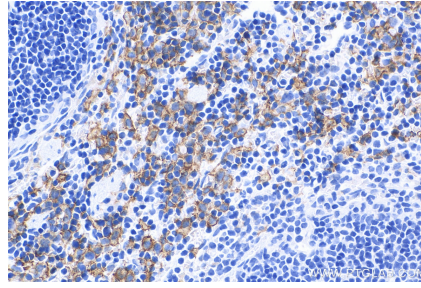
E: proteintech@ptglab.com
W: ptglab.com

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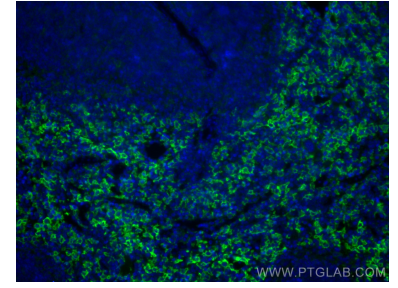
Selected Validation Data



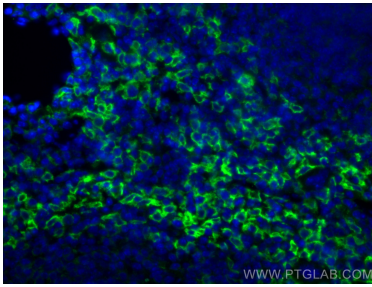
Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 81668-1-RR (F4/80 antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 81668-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 81668-1-RR (F4/80 antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 81668-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse spleen tissue using F4/80 antibody (81668-1-RR, Clone: 2P18) at dilution of 1:1500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 81668-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse spleen tissue using F4/80 antibody (81668-1-RR, Clone: 2P18) at dilution of 1:1500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 81668-1-PBS in a different storage buffer formulation.