

For Research Use Only

F4/80 Polyclonal antibody

Catalog Number: 18705-1-AP **20 Publications**



Basic Information

Catalog Number: 18705-1-AP	GenBank Accession Number: BC075688	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 13733	
Source: Rabbit	Full Name: EGF-like module containing, mucin-like, hormone receptor-like sequence 1	
Isotype: IgG	Calculated MW: 102 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
IHC, WB

Species Specificity:
human, mouse

Cited Species:
human, mouse, rat

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Ling-Fei Zhang	26346275	EMBO J	IHC
Soo-Min Shon	28883215	Circ J	WB
Yu-Ying Zhao	28882574	Toxicology	WB,IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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 W: ptglab.com

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Selected Validation Data