

For Research Use Only

# F4/80 Polyclonal antibody

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



## Basic Information

**Catalog Number:**

18705-1-AP

**Size:**

500 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

BC075688

**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:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Cited Applications:**

WB, IHC

**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

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

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## Selected Validation Data