

Rabbit anti-Mouse, Rat F4/80/Adgre1 Polyclonal Antibody | anti-F4/80/Adgre1 antibody

Anti-F4/80/Adgre1 Antibody

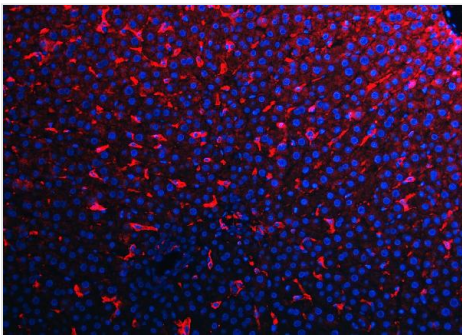
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19910	Rabbit	Mouse, Rat	Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

F4/80/Adgre1; Polyclonal Antibody; Anti-F4/80/Adgre1 Antibody; Sp6 transcription factor; Transcription factor Sp6; Krueppel-like factor 14; SP6; KLF14; anti-F4/80/Adgre1 antibody

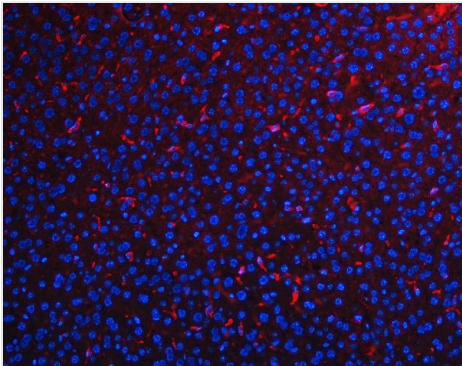
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Ubiquitous.
Purity/Purification	Immunogen affinity purified.
Form/Format	Liquid; 500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.
Concentration	500ug/ml (varies by lot)
Applicable Applications for anti-F4/80/Adgre1 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	IHC(Paraffin-embedded Section): 2-5ug/ml, Mouse, Rat IF: 5ug/ml, Mouse, Rat
Immunogen	E coli-derived mouse F4/80/Adgre1 recombinant protein (Position: G27-S230).
Subcellular Localization	Nucleus
Cross Reactivity	No cross-reactivity with other proteins.
Protein Function	Promotes cell proliferation.
Preparation and Storage	At -20 degree C for one year, at 4 degree C for one month. Avoid repeated freezing and thawing.



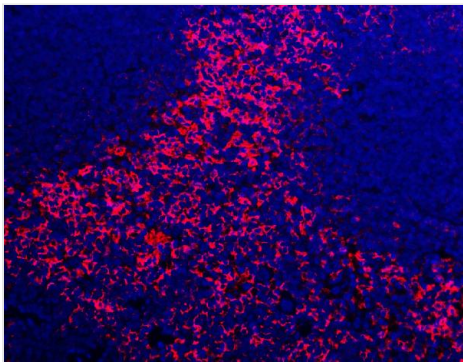
IF (Immunofluorescence)

Figure 6. IF analysis of F4/80/Adgre1 using anti-F4/80/Adgre1 antibody (AAA19910).F4/80/Adgre1 was detected in a paraffin-embedded section of rat liver tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 5ug/mL rabbit anti-F4/80/Adgre1 Antibody (AAA19910) overnight at 4 degree C. Cy3 Conjugated Goat Anti-Rabbit IgG (BA1032) was used as secondary antibody at 1:500 dilution and incubated for 30 minutes at 37 degree C. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



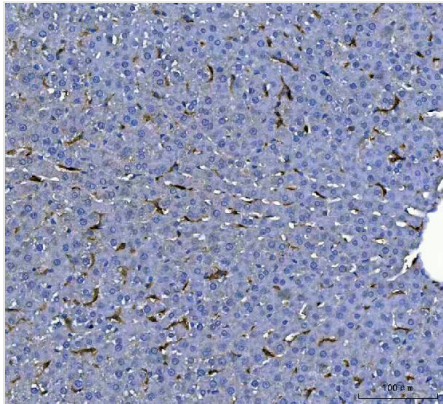
IF (Immunofluorescence)

Figure 4. IF analysis of F4/80/Adgre1 using anti-F4/80/Adgre1 antibody (AAA19910).F4/80/Adgre1 was detected in a paraffin-embedded section of mouse liver tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 5ug/mL rabbit anti-F4/80/Adgre1 Antibody (AAA19910) overnight at 4 degree C. Cy3 Conjugated Goat Anti-Rabbit IgG (BA1032) was used as secondary antibody at 1:500 dilution and incubated for 30 minutes at 37 degree C. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



IF (Immunofluorescence)

Figure 5. IF analysis of F4/80/Adgre1 using anti-F4/80/Adgre1 antibody (AAA19910).F4/80/Adgre1 was detected in a paraffin-embedded section of mouse spleen tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 5ug/mL rabbit anti-F4/80/Adgre1 Antibody (AAA19910) overnight at 4 degree C. DyLight550 Conjugated Goat Anti-Rabbit IgG (BA1135) was used as secondary antibody at 1:500 dilution and incubated for 30 minutes at 37 degree C. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



IHC (Immunohistochemistry)

Figure 3. IHC analysis of F4/80/Adgre1 using anti-F4/80/Adgre1 antibody (AAA19910).F4/80/Adgre1 was detected in a paraffin-embedded section of mouse spleen tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-F4/80/Adgre1 Antibody (AAA19910) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-F4/80/Adgre1 Antibody (AAA19910) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

ADDITIONAL INFORMATION

Product Categories/Family for anti-F4/80/Adgre1 antibody	Primary Antibodies; Cancer; Cell Biology; Cell Cycle; Cell Division; Cell Type Marker; Cell Type Markers; Neurogenesis; Neurology Process; Neuron Marker; Neuroscience; Tags & Cell Markers; Tumor Biomarkers
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References	1. Baud, V., Chissoe, S. L., Viegas-Pequignot, E., Diriong, S., N'Guyen, V. C., Roe, B. A., Lipinski, M. EMR1, an unusual member in the family of hormone receptors with seven transmembrane segments. Genomics 26: 334-344, 1995.2. McKnight, A. J., Macfarlane, A. J., Seldin, M. F., Gordon, S. Chromosome mapping of the Emr1 gene. Mammalian Genome 8: 946-947, 1997. 3. Schulz, C., Gomez Perdiguero, E., Chorro, L., Szabo-Rogers, H., Cagnard, N., Kierdorf, K., Prinz, M., Wu, B., Jacobsen, S. E. W., Pollard, J. W., Frampton, J., Liu, K. J., Geissmann, F. A lineage of myeloid cells independent of Myb and hematopoietic stem cells. Science 336: 86-90, 2012.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2495073
NCBI GeneID	13733
UniProt Accession #	Q61549
Molecular Weight	931
NCBI Official Full Name	EGF-like module-containing mucin-like hormone receptor-like 1
NCBI Official Synonym Full Names	EGF-like module containing, mucin-like, hormone receptor-like sequence 1
NCBI Official Symbol	Emr1
NCBI Official Synonym Symbols	Ly71; F4/80; Gpf480; TM7LN3; DD7A5-7; EGF-TM7
NCBI Protein Information	EGF-like module-containing mucin-like hormone receptor-like 1; EMR1 hormone receptor; lymphocyte antigen 71; EGF-like module receptor 1; cell surface glycoprotein F4/80
UniProt Protein Name	EGF-like module-containing mucin-like hormone receptor-like 1
UniProt Gene Name	Emr1
UniProt Synonym Gene Names	Gpf480
UniProt Entry Name	EMR1_MOUSE

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