

Rabbit EMR1 Polyclonal Antibody | anti-EMR1 antibody

EMR1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323595	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

EMR1; Polyclonal Antibody; EMR1 Antibody; ADGRE1; Adhesion G protein coupled receptor E1; Adhesion G protein-coupled receptor E1; AGRE1_HUMAN; Cell surface glycoprotein EMR1; Cell surface glycoprotein F4/80; DD7A5 7; Egf like module containing mucin like hormone receptor like 1; Egf like module containing mucin like hormone receptor like sequence 1; EGF like module receptor 1; EGF TM7; EGF-like module receptor 1; EGF-like module-containing mucin-like hormone receptor-like 1; EGFTM7; EMR 1; EMR1 hormone receptor; Gpf480; Ly71; Lymphocyte antigen 71; TM7LN3; anti-EMR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	EMR1 antibody detects endogenous levels of total EMR1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	867
Applicable Applications for anti-EMR1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Expression is restricted to eosinophils.
Conjugation	Unconjugated

IMAGES



IHC (Immunohistochemistry)

AAA323595 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of EMR1 expression in HEK293 cells, The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA323595 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EMR1 antibody	Description: Could be involved in cell-cell interactions. Function: Orphan receptor involved in cell adhesion and probably in cell-cell interactions specifically involving cells of the immune system. May play a role in regulatory T-cells (Treg) development. Similarity: Belongs to the G-protein coupled receptor 2 family. Adhesion G-protein coupled receptor (ADGR) subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	372266078
NCBI GeneID	2015
NCBI Accession #	NP_001243181.1
NCBI GenBank Nucleotide #	NM_001256252.1
UniProt Accession #	Q14246; Q2I7G5; Q6ZMN0; Q8NGA7; A6NHV2; B7Z486; B7Z489; E7EPX9; E9PD45; H9KV79
Molecular Weight	102 kDa
NCBI Official Full Name	adhesion G protein-coupled receptor E1 isoform 2
NCBI Official Synonym Full Names	adhesion G protein-coupled receptor E1
NCBI Official Symbol	ADGRE1
NCBI Official Synonym Symbols	EMR1; TM7LN3
NCBI Protein Information	adhesion G protein-coupled receptor E1
UniProt Protein Name	Adhesion G protein-coupled receptor E1
UniProt Gene Name	ADGRE1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/emr1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323595>