

Rabbit anti-Human EMR3 Polyclonal Antibody | anti-EMR3 antibody

EMR3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325492	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

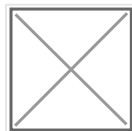
PRODUCT SYNONYMS

EMR3; Polyclonal Antibody; EMR3 Antibody; Egf like module containing mucin like hormone receptor like 3; Egf like module containing mucin like receptor 3; EGF like module containing mucin like receptor EMR3; EMR 3; anti-EMR3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	EMR3 antibody detects endogenous levels of total EMR3
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	600
Applicable Applications for anti-EMR3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane; Multipass Membrane Protein. EMR3 subunit alpha: Secreted, extracellular space. Note: A soluble form is also detected.
Tissue Specificity	Displays a predominantly leukocyte-restricted expression, with highest levels in neutrophils, monocytes and macrophages.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using EMR3 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA325492 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-EMR3 antibody	Function: Orphan receptor that may play a role myeloid-myeloid interactions during immune and inflammatory responses. A ligand for the soluble form of this receptor is present at the surface of monocytes-derived macrophages and activated neutrophils. Subunit Structure: Forms a heterodimer, consisting of a large extracellular region (alpha subunit) non-covalently linked to a seven-transmembrane moiety (beta subunit). Post-translational Modifications: Proteolytically cleaved into 2 subunits, an extracellular alpha subunit and a seven-transmembrane subunit. 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 #	574584843
NCBI GeneID	84658
NCBI Accession #	NP_001276087.1
NCBI GenBank Nucleotide #	NM_001289158.1
UniProt Accession #	Q9BY15
Molecular Weight	Observed: 70 kD Predicted: 73 kDa
NCBI Official Full Name	adhesion G protein-coupled receptor E3 isoform 2
NCBI Official Synonym Full Names	adhesion G protein-coupled receptor E3
NCBI Official Symbol	ADGRE3
NCBI Official Synonym Symbols	EMR3
NCBI Protein Information	adhesion G protein-coupled receptor E3
UniProt Protein Name	Adhesion G protein-coupled receptor E3
UniProt Gene Name	ADGRE3

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.