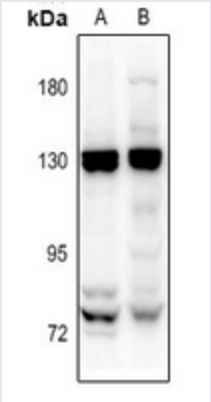
EMR1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	EMR1, Polyclonal Antibody
Full Product Name	Anti-EMR1 Antibody
Product Gene Name	anti-EMR1 antibody
Product Synonym Gene Name	ADGRE1
Product Synonym Names	EMR1; TM7LN3; EGF-like module-containing mucin-like hormone receptor-like 1; EGF-like module receptor 1; EMR1 hormone receptor; Adhesion G protein-coupled receptor E1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Rat
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Specificity	Recognizes endogenous levels of EMR1 protein.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	97,683 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (6887560..6940464). Location: 19p13.3
OMIM	600493
3D Structure	ModBase 3D Structure for Q14246
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human EMR1. The exact sequence is proprietary.
Applications Tested/Suitable for anti-EMR1 antibody	Western Blot (WB)
Application Notes for anti-EMR1 antibody	WB: 1:500-1:1000
Related Product Information for anti-EMR1 antibody	MBS8305801 is an antibody targeting EMR1. Reactive in Human, Rat. Host: Rabbit. Rabbit polyclonal antibody to EMR1
Other Notes	Small volumes of anti-EMR1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-EMR1 antibody
Western blot analysis of EMR1 expression in SHSY5Y (A), HCT116 (B) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EMR1. It may not necessarily be applicable to this product.

NCBI GI #	372266078
NCBI GeneID	2015
NCBI Accession #	NP_001243181.1
UniProt Primary Accession #	Q14246
UniProt Secondary Accession #	Q5Y4N8
UniProt Related Accession #	Q14246
GenBank Nucleotide #	NM_001256252.1
NCBI Official Full Name	EGF-like module-containing mucin-like hormone receptor-like 1 isoform 2
NCBI Official Synonym Full Names	egf-like module containing, mucin-like, hormone receptor-like 1
NCBI Official Symbol	EMR1
NCBI Official Synonym Symbols	TM7LN3
UniProt Protein Name	EGF-like module-containing mucin-like hormone receptor-like 1
UniProt Synonym Protein Names	EGF-like module receptor 1; EMR1 hormone receptor
Protein Family	Adhesion G protein-coupled receptor
UniProt Gene Name	EMR1
UniProt Synonym Gene Names	TM7LN3
UniProt Entry Name	EMR1_HUMAN
NCBI Protein Information	EGF-like module-containing mucin-like hormone receptor-like 1; EMR1 hormone receptor; EGF-like module receptor 1; egf-like module containing, mucin-like, hormone receptor-like sequence 1
NCBI Summary for EMR1	This gene encodes a protein that has a domain resembling seven transmembrane G protein-coupled hormone receptors (7TM receptors) at its C-terminus. The N-terminus of the encoded protein has six EGF-like modules, separated from the transmembrane segments by a serine/threonine-rich domain, a feature reminiscent of mucin-like, single-span, integral membrane glycoproteins with adhesive properties. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]

UniProt Comments for EMR1	EMR1: Could be involved in cell-cell interactions. Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral; GPCR, family 2; Membrane protein, multi-pass; Receptor, GPCR Chromosomal Location of Human Ortholog: 19p13.3 Cellular Component: integral to plasma membrane; external side of plasma membrane Molecular Function: G-protein coupled receptor activity; calcium ion binding Biological Process: G-protein coupled receptor protein signaling pathway; cell adhesion
Research Articles on EMR1	**1.** Additional transcription changes likely associated with Th2-like eosinophilic inflammation were prominent and included increased EMR1&3.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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