10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

EMR4 Rabbit pAb

Catalog # AP97571

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q86SQ3
Other Accession	Q86SQ3
Reactivity	Rat, Mouse
Predicted	Human, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50903
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human EMR4
Epitope Specificity	331-440/457
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.Contains 2 EGF-like domains.Contains 1 GPS domain.
SUBUNIT	Forms a heterodimer, consisting of a large extracellular region (alpha subunit) non-covalently linked to a seven-transmembrane moiety (beta subunit) (By similarity).
Post-translational modifications	Proteolytically cleaved into 2 subunits, an extracellular alpha subunit and a seven-transmembrane subunit (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene is a member of the EGF-TM7 receptor gene family which is thought to play a role in leukocyte adhesion and migration. In other vertebrates, including nonhuman primates, this gene encodes a protein containing N-terminal EGF domains and a C-terminal transmembrane domain. Sequence evidence for the human gene, however, indicates nucleotide deletion in the genomic sequence would result in frameshift and early termination of translation. A protein expressed by this gene would be soluble rather than expressed on the cell surface. As the encoded protein has not been detected, this gene may represent a transcribed pseudogene. [provided by RefSeq, Aug 2008]

Additional Information

Other Names	EMR4; EMR4P; FIRE; GPR127; PGR16; AGRE4_HUMAN; ADGRE4P; EGF-like module receptor 4; EGF-like module-containing mucin-like hormone receptor-like 4; G-protein coupled receptor 127; G-protein coupled receptor PGR16; adhesion G protein-coupled receptor E4, pseudogene; G protein-coupled receptor 127; egf-like module containing, mucin-like, hormone receptor-like 4; egf-like module containing, mucin-like, hormone receptor-like 4 pseudogene

Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ADGRE4P (HGNC:19240)
Function	May mediate the cellular interaction between myeloid cells and B-cells.
Cellular Location	[Isoform 1]: Cell membrane {ECO:0000250|UniProtKB:Q91ZE5}; Multi-pass membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.