

EMR4 Rabbit pAb

Catalog # AP97571

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q86SQ3
Other Accession	Q86SQ3
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.
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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

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