

EMR3 Rabbit pAb

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Catalog # AP55635

Product Information

Application	WB
Primary Accession	Q9BY15
Reactivity	Mouse
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	72621
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human EMR3
Epitope Specificity	31-130/652
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane; Multi-pass membrane protein. EMR3 subunit alpha: Secreted, extracellular space. Note: A soluble form is also detected.
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 encodes a member of the class B seven-span transmembrane (TM7) receptor family expressed predominantly by cells of the immune system. Family members are characterized by an extended extracellular region with a variable number of N-terminal epidermal growth factor (EGF)-like domains coupled to a TM7 domain via a mucin-like spacer domain. This gene is closely linked to the gene encoding egf-like molecule containing mucin-like hormone receptor 2 on chromosome 19. This protein may play a role in myeloid-myeloid interactions during immune and inflammatory responses. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	84658
Other Names	Adhesion G protein-coupled receptor E3, EGF-like module receptor 3, EGF-like module-containing mucin-like hormone receptor-like 3, ADGRE3 (HGNC:23647), EMR3
Dilution	WB=1:500-2000
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.

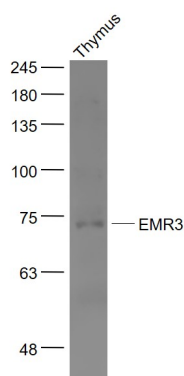
Protein Information

Name	ADGRE3 (HGNC:23647)
Synonyms	EMR3
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.
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Displays a predominantly leukocyte-restricted expression, with highest levels in neutrophils, monocytes and macrophages.

Background

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Images



Sample:
Thymus (Mouse) Lysate at 40 ug
Primary: Anti- EMR3 (AP55635) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 70 kD
Observed band size: 70 kD

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