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Product datasheet for SP4660P

ADGRE1 (N-term, extracell. dom.) Rabbit Polyclonal Antibody

Product data:

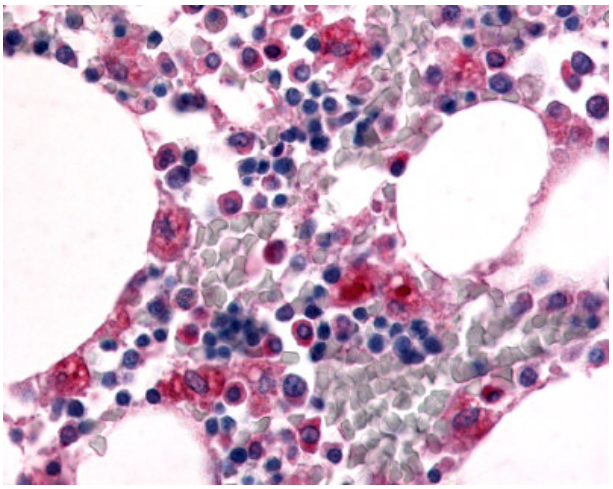
Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	**ELISA**. **Immunohistochemistry on Paraffin Sections:** 18 - 36 µg/ml.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic 19 amino acid peptide from N-terminal extracellular domain of human EMR1
Specificity:	Reacts with N-terminal extracellular domain of EGF-Like Module-Containing Mucin-Like Receptor 1 (EMR1) (family: GPCR, subfamily: Orphan-B).
Formulation:	PBS containing 0.09% Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C to -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	adhesion G protein-coupled receptor E1
Database Link:	Entrez Gene 2015 Human Q14246

View online »

Background:

EGF-Like Module Containing Mucin-Like Hormone Receptor-Like Sequence 1 (EMR1) is characterized as an Orphan-B GPCR with an unknown ligand. The C-terminus contains seven hydrophobic segments, characteristic of a G protein-coupled receptor. The N-terminus of EMR1 has 6 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.
F4/80 is a monoclonal antibody that recognizes a murine macrophage- restricted cell surface glycoprotein whose amino acid sequence has been determined to be the EMR1 gene. Therefore, the data from this antibody can be used to derive gene expression of mouse EMR1.
EMR1 has been reported to be expressed in human peripheral blood mononuclear cells, monocytes, and hematopoietic and solid tumor-derived cell lines. ESTs have been isolated from human normal spleen and mixed liver/spleen libraries and from human kidney, colon, brain, and bone marrow cancer libraries.

Product images:



EMR1 antibody staining of Formalin-Fixed Paraffin-Embedded Human Bone Marrow.