



EMR3 Monoclonal Antibody

Catalog No	BYmab-13922
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	EMR3
Protein Name	EGF-like module-containing mucin-like hormone receptor-like 3
Immunogen	The antiserum was produced against synthesized peptide derived from human EMR3. AA range:603-652
Specificity	EMR3 Monoclonal Antibody detects endogenous levels of EMR3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EMR3; EGF-like module-containing mucin-like hormone receptor-like 3; EGF-like module receptor 3
Observed Band	70kD
Cell Pathway	Cell membrane; Multi-pass membrane protein .; [Isoform 3]: Secreted.
Tissue Specificity	Displays a predominantly leukocyte-restricted expression, with highest levels in neutrophils, monocytes and macrophages.
Function	function:Receptor probably involved in 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.,PTM:Proteolytically cleaved into 2 subunits, an extracellular alpha subunit and a seven-transmembrane subunit.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 GPS domain.,similarity:Contains 2 EGF-like domains.,subcellular location:A soluble form is also detected (alpha subunit),subunit:Forms a heterodimer, consisting of a large extracellular region (alpha subunit) non-covalently linked to a seven-transmembrane moiety (beta subunit),tissue specificity:Displays a

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predominantly leukocyte-restricted expression, with highest levels in neutrophils, monocytes and macrophages.,

Background

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. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2014],

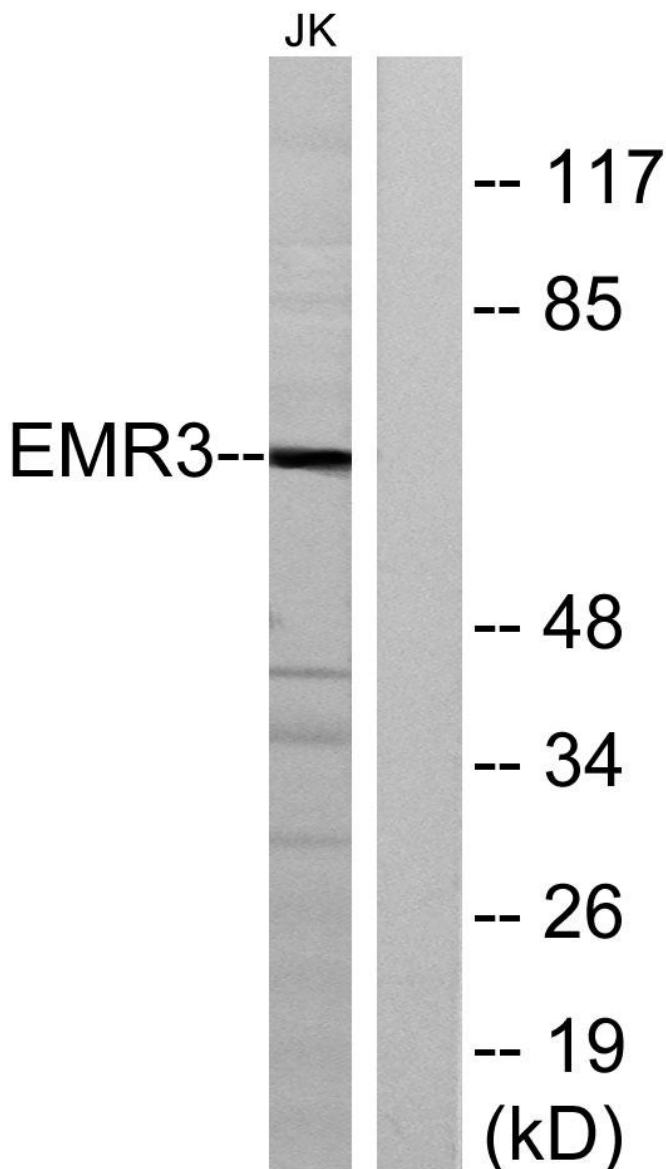
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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