

EMR3 Polyclonal Antibody

Catalog No :	YT1547
Reactivity :	Human
Applications :	WB;IF;ELISA
Target :	EMR3
Gene Name :	EMR3
Protein Name :	EGF-like module-containing mucin-like hormone receptor-like 3
Human Gene Id :	84658
Human Swiss Prot No :	Q9BY15
Immunogen :	The antiserum was produced against synthesized peptide derived from human EMR3. AA range:603-652
Specificity :	EMR3 Polyclonal Antibody detects endogenous levels of EMR3 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	70kD
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],

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

Subcellular Location :

Cell membrane; Multi-pass membrane protein .; [Isoform 3]: Secreted.

Expression :

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

Sort :

5539

No4 :

1

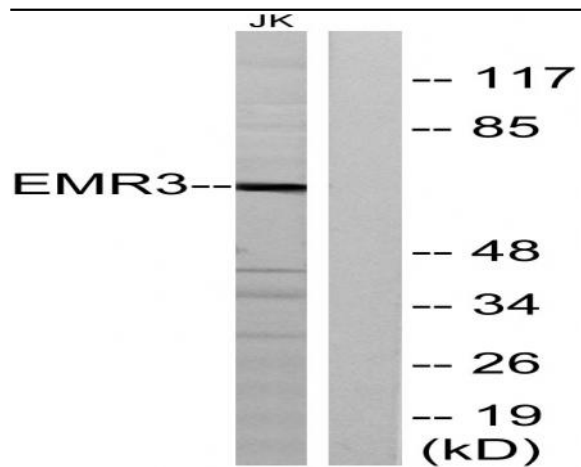
Host :

Rabbit

Modifications :

Unmodified

Products Images



Western blot analysis of lysates from Jurkat cells, using EMR3 Antibody. The lane on the right is blocked with the synthesized peptide.