

## **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:

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.

Q9BY15

**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)

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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 momocytes-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.,

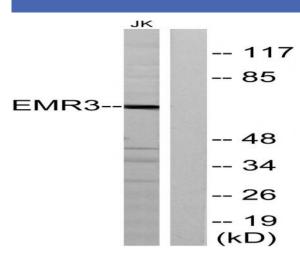
## Subcellular Location :

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

Expression:

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

## **Products Images**



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