

胸腺基质淋巴细胞生成素受体抗体

产品货号： mlR2727

英文名称： CRLF2

中文名称： 胸腺基质淋巴细胞生成素受体抗体

别名： TSLPR; CRLF2; CRL 2; CRL2; CRLF 2; CRLF2Y; Cytokine receptor CRL2 precursor; Cytokine receptor like 2; Cytokine receptor like factor 2; Cytokine receptor like factor 2 precursor; IL XR; ILXR; Thymic stromal derived lymphopoietin receptor; Thymic stromal lymphopoietin protein receptor; Thymic stromal lymphopoietin receptor; TSLP receptor; TSLPR.

研究领域： 免疫学 细胞膜受体

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 38kDa

细胞定位： 细胞膜 分泌型蛋白

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human CRLF2:81-180/371 <Extracellular>

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. 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.

PubMed : PubMed

产品介绍 : TSLPR is a type I membrane receptor that forms a functional heterodimeric complex with IL7R to bind TSLP. The TSLP R contains a WSXWS motif required for proper protein folding and a box1 motif important for association with the JAKs. TSLPR has a predicted molecular weight approximately 41 kD, and two further isoforms have been reported that are produced by alternative splicing. The TSLPR is expressed preferentially in myeloid cells including dendritic cells and activated monocytes, and is weakly expressed in T cells. Expression has also been reported in heart, skeletal muscle, and kidney tissues. TSLP binding to the heterodimeric functional receptor (TSLPR and IL7R) activates JAK2, STAT3 and STAT5 to stimulate cell proliferation. Ligand receptor interactions have been implicated in the development of the hematopoietic system, dendritic cell maturation, and the maintenance and polarization of human Th2 memory T cells in allergic diseases.

Function:

Receptor for thymic stromal lymphopoietin (TSLP). Forms a functional complex with TSLP and IL7R which is capable of stimulating cell proliferation through activation of STAT3 and STAT5. Also activates JAK2 (By similarity). Implicated in the development of the hematopoietic system.

Subunit:

Heterodimer of CRLF2 and IL7R.

Subcellular Location:

Isoform 1: Cell membrane; Single-pass type I membrane protein (Probable). Isoform 2: Secreted (Probable).

Tissue Specificity:

Expressed in heart, skeletal muscle, kidney and adult and fetal liver. Primarily expressed in dendrites and monocytes. Weakly expressed in T-cells.

Similarity:

Belongs to the type I cytokine receptor family. Type 5 subfamily.

Contains 1 fibronectin type-III domain.

SWISS:

Q9HC73

Gene ID:

64109

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.