antibodies - online.com







anti-CRLF2 antibody (AA 81-180)

Images



Overview

Quantity:	100 μL
Target:	CRLF2
Binding Specificity:	AA 81-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRLF2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CRLF2
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.
Target Details	

l arget Details

Target:	CRLF2
Alternative Name:	Crlf2 (CRLF2 Products)

Target Details

Background:

Synonyms: TSLPR, CRLF2, CRL 2, CRL2, CRLF 2, CRLF2Y, Cytokine receptor CRL2 precusor, 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, TSLPR receptor, TSLPR. Background: TSLPR is a type I membrane receptor that forms a functional heterodimeric complex with IL7R to bind TSLP. The TSLPR 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 haves 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.

Gene ID:

64109

Application Details

Application Notes:	ELISA 1:500-1000

IHC-P 1:200-400

IHC-F 1:100-500

IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

ICC 1:100-500

Restrictions:

For Research Use only

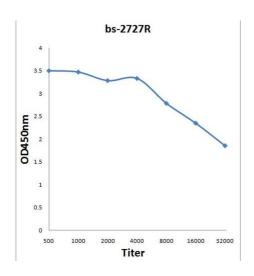
Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

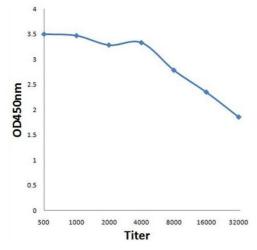
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



ELISA

Image 1. Antigen: $0.2 \mu g/100 \mu L$ Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in MicroplateReader by 450



ELISA

Image 2. Antigen: 0.2ug/100ul, Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000, Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000, TMB staining, Read the data in MicroplateReader by 450nm