

CRLF2 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant CRLF2.

Catalog # AT1628a

Product Information

Application	WB, E
Primary Accession	Q9HC73
Other Accession	NM_022148
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4A11
Calculated MW	42013

Additional Information

Gene ID	64109
Other Names	Cytokine receptor-like factor 2, Cytokine receptor-like 2, IL-XR, Thymic stromal lymphopoietin protein receptor, TSLP receptor, CRLF2, CRL2, ILXR, TSLPR
Target/Specificity	CRLF2 (NP_071431, 23 a.a. ~ 132 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	CRLF2 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

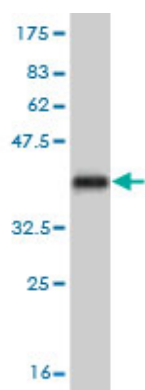
Cytokine signals are mediated through specific receptor complexes, the components of which are mostly members of the type I cytokine receptor family. Type I cytokine receptors share conserved structural features in their extracellular domain. Receptor complexes are typically heterodimeric, consisting of alpha chains, which provide ligand specificity, and beta (or gamma) chains, which are required for the formation of high-affinity binding sites and signal transduction.

References

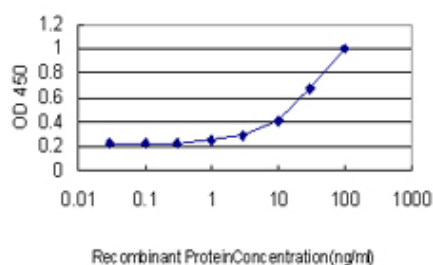
Identifying the polymorphisms in the thymic stromal lymphopoietin receptor (TSLPR) and their association

with asthma. Yu JI, et al. BMB Rep, 2010 Jul. PMID 20663412. Thymic stromal lymphopoietin receptor-mediated IL-6 and CC/CXC chemokines expression in human airway smooth muscle cells: role of MAPKs (ERK1/2, p38, and JNK) and STAT3 pathways. Shan L, et al. J Immunol, 2010 Jun 15. PMID 20483734. Genetic variants in thymic stromal lymphopoietin are associated with atopic dermatitis and eczema herpeticum. Gao PS, et al. J Allergy Clin Immunol, 2010 Jun. PMID 20466416. Presence of the P2RY8-CRLF2 rearrangement is associated with a poor prognosis in non-high-risk precursor B-cell acute lymphoblastic leukemia in children treated according to the ALL-BFM 2000 protocol. Cario G, et al. Blood, 2010 Jul 1. PMID 20378752. Thymic stromal lymphopoietin-induced human asthmatic airway epithelial cell proliferation through an IL-13-dependent pathway. Semlali A, et al. J Allergy Clin Immunol, 2010 Apr. PMID 20236697.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 kDa) .



Detection limit for recombinant GST tagged CRLF2 is approximately 3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.