



IL-29 Polyclonal Antibody

Catalog No	YP-Ab-16013
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	IL29
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human IL29. AA range:121-170
Specificity	IL-29 Polyclonal Antibody detects endogenous levels of IL-29 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Cytokine ZCYTO21;IFN lambda 1;IFN-lambda-1;IFNL1;IL-29;IL29;IL29_HUMAN; Interferon lambda 1;Interferon lambda-1;Interleukin 29 (interferon;lambda 1); Interleukin-29;ZCYTO21
Observed Band	21kD
Calculated Molecular Weight	21kD
Cell Pathway	Secreted.
Tissue Specificity	
Function	function:Cytokine with immunomodulatory activity. May play a role in antiviral immunity. Up-regulates MHC class I antigen expression. Ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IL28RA. The ligand/receptor complex seems to signal through the Jak-STAT pathway., induction:By viral infections or double stranded RNA.,online information:Interleukin-29 entry,similarity:Belongs to the IL-28/IL-29 family.,



Background

This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28A (IL28A), and interleukin 28B (IL28B) are three closely related cytokine genes that form a cytokine gene cluster on a chromosomal region mapped to 19q13. Expression of the cytokines encoded by the three genes can be induced by viral infection. All three cytokines have been shown to interact with a heterodimeric class II cytokine receptor that consists of interleukin 10 receptor, beta (IL10RB) and interleukin 28 receptor, alpha (IL28RA). [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

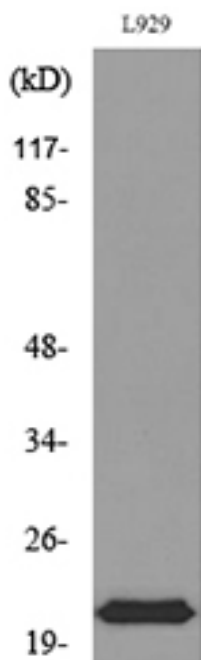
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of L929 cells using IL-29 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from L929 cells, using IL29 Antibody.