

Datasheet for ABIN964763
anti-IL29 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	IL29
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	IL-29 Antibody
Immunogen:	Immunogen: This IgG fraction antibody was prepared from rabbit antiserum after repeated immunizations with mature length recombinant human IL-29 protein produced in E.coli. Immunogen Type: Recombinant Protein
Isotype:	IgG
Cross-Reactivity (Details):	This antibody is specific for human IL-29 protein.
Characteristics:	Synonyms: rabbit anti-IL-29 antibody, rabbit anti-Interferon lambda-1 antibody, rabbit anti-IFN-lambda-1 antibody, Interferon lambda-1, Cytokine Zcyto21, Interleukin-29, IL-29, IFNL1, IL29, ZCYT021
Purification:	Anti-IL-29 is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.

Target Details

Target:	IL29
Alternative Name:	IFNL1 (IL29 Products)
Background:	Background: IL-29 (Interleukin-29) is a secreted cytokine with immunomodulatory activity. It may play a role in antiviral immunity. It up-regulates MHC class I antigen expression. IL-29 is a 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. Its induction is by viral infections or double stranded RNA. Anti-IL-29 antibody is ideal for investigators involved in Immunology research.
Gene ID:	282618
NCBI Accession:	NP_742152
UniProt:	Q8IU54

Application Details

Application Notes:	<p>Application Note: This purified antibody has been tested in western blotting and suitable for ELISA. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 19.9 kDa in size corresponding to the mature human IL-29 protein by western blotting in appropriate cell lysate or extract.</p> <p>Western Blot Dilution: 1:1000</p> <p>ELISA Dilution: 1:10,000</p> <p>Other: User Optimized</p>
Restrictions:	For Research Use only

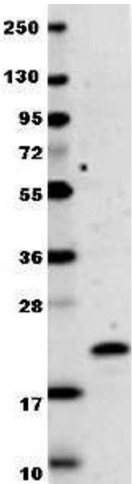
Handling

Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 100 µL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Concentration:	1.0 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: None</p> <p>Preservative: None</p>
Preservative:	Without preservative

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Store anti-IL-29 antibody at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	6 months

Images



Western Blotting

Image 1. Anti-human IL-29 antibody in western blot shows detection of recombinant human IL-29 raised in E.coli. Recombinant protein (0.1 µg, 19.9 kDa) was loaded onto and resolved by SDS-PAGE, then transferred to nitrocellulose. The membrane was blocked with 1% BSA in TBST for 30 min at RT, followed by incubation with , Inc. Anti-Human IL-29. After washing, membrane was probed with secondary antibody 649 Conjugated Anti-Rabbit IgG (H&L) (Goat) Antibody diluted 1:20,000 in blocking buffer for 30 min. at RT. Data was collected using Bio-Rad 4000 MP imaging system.