

Datasheet for ABIN964763

anti-IL29 antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IL29
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL29 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	<p>This IgG fraction antibody was prepared from rabbit antiserum after repeated immunizations with mature length recombinant human IL-29 protein produced in E.coli.</p> <p>Immunogen Type: RecombinantProtein</p>
Isotype:	IgG
Specificity:	<p>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. This antibody is specific for human IL-29 protein. A BLAST analysis was used to suggest cross-reactivity with IL-29 from human sources based on 100% homology with the immunizing sequence. Based on high to 100% homology, there is a chance of cross-reactivity to IL-29 from a wide variety of animals. Cross-reactivity with IL-29 from other sources has not been determined.</p>
Characteristics:	<p>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</p>

Product Details

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.

Purification: purified

Target Details

Target: IL29

Alternative Name: IL-29 ([IL29 Products](#))

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.

Synonyms: Interferon lambda-1, IFN-lambda-1 cytokine

Gene ID: 282618

NCBI Accession: [NP_742152](#)

UniProt: [Q8IU54](#)

Application Details

Application Notes: This purified antibody has been tested for use in ELISA and western blotting. 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.

Comment: Gene Name: IL-29

Restrictions: For Research Use only

Handling

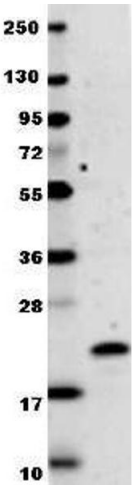
Format: Lyophilized

Reconstitution: Reconstitution Buffer: Restore with deionized water (or equivalent), Reconstitution Volume: 100

Handling

	μL
Concentration:	1.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	Without preservative
Storage:	4 °C/-20 °C
Storage Comment:	Store vial 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. Expiration date is six (6) months from date of opening.
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.