

Datasheet for ABIN7602347
anti-IL-15 antibody (AA 70-162)



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Overview

Quantity:	100 µg
Target:	IL-15 (IL15)
Binding Specificity:	AA 70-162
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-15 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-IL15 Antibody
Immunogen:	E.coli-derived human IL15 recombinant protein (Position: D70-S162).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-IL15 Antibody Picoband® (ABIN7602347). Tested in ELISA, Flow Cytometry, IHC applications. This antibody reacts with Human, Rat.
Purification:	Immunogen affinity purified.

Target Details

Target:	IL-15 (IL15)
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Target Details

Alternative Name:	IL15 (IL15 Products)
Background:	Synonyms: GTP-binding nuclear protein Ran,Androgen receptor-associated protein 24,GTPase Ran,Ras-like protein TC4,Ras-related nuclear protein,RAN,ARA24,OK/SW-cl.81, Tissue Specificity: Expressed in a variety of tissues. . Background: Interleukin (IL)-15 is a cytokine with the ability to stimulate the proliferation activity of Th1 and/or Th2 lymphocytes. This gene is mapped to human chromosome 4q31 by fluorescence in situ hybridization. IL-15 is a novel cytokine whose effects on T-cell activation and proliferation are similar to those of interleukin-2 (IL-2), presumably because IL-15 utilizes the beta and gamma chains of the IL-2 receptor. IL-15 can play a role in the initiation and outcome of acute and chronic rejection. Anti-IL-15 therapy in combination with classic immunosuppression therapy might be beneficial in the prevention of acute, and especially chronic, allograft rejection.
Molecular Weight:	60 kDa
Gene ID:	3600
UniProt:	P40933
Pathways:	JAK-STAT Signaling , Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Immunohistochemistry (Paraffin-embedded Section), 2-5 µg/mL, Human, Rat Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Anderson, D. M., Johnson, L., Glaccum, M. B., Copeland, N. G., Gilbert, D. J., Jenkins, N. A., Valentine, V., Kirstein, M. N., Shapiro, D. N., Morris, S. W., Grabstein, K., Cosman, D. Chromosomal assignment and genomic structure of IL15. Genomics 25: 701-706, 1995. 2. Conti F, Frappier J, Dharancy S, Chereau C, Houssin D, Weill B, Calmus Y. Interleukin-15 production during liver allograft rejection in humans. Transplantation. 2003 Jul 15;76(1):210-6.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.005 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.