

Datasheet for ABIN7596105
anti-IL-15 antibody (AA 49-162)



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Overview

Quantity:	100 µL
Target:	IL-15 (IL15)
Binding Specificity:	AA 49-162
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	Human IL-15 antibody
Immunogen:	Recombinant human IL-15 (49-162aa) purified from E. coli
Clone:	AT7G9
Isotype:	IgG2b kappa
Purification:	protein-A affinity chromatography

Target Details

Target:	IL-15 (IL15)
Alternative Name:	IL-15 (IL15 Products)
Background:	Interleukin-15 (IL-15) is a pleiotropic cytokine that plays a crucial role in both innate and

Target Details

adaptive immunity. IL-15 is unique among cytokines due to its involvement in a trans-signaling mechanism. In this process, IL-15 receptor alpha (IL-15R α) from one subset of cells presents IL-15 to neighboring cells that express IL-2R β / γ c. This cytokine is produced by a wide variety of cells and tissues. Similar to IL-2, IL-15 stimulates the proliferation of T-lymphocytes and induces the generation of cytotoxic T-lymphocytes (CTLs) and lymphokine-activated killer (LAK) cells.

NCBI Accession:	NP_000576
Pathways:	JAK-STAT Signaling , Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol
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,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.