

Datasheet for ABIN7180189  
**anti-IL-4 antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	IL-4 (IL4)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Synthesized peptide derived from C-terminal of Human IL4.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Target Details

Target:	IL-4 (IL4)
Alternative Name:	IL4 ( <a href="#">IL4 Products</a> )
Background:	Background: Participates in at least several B-cell activation processes as well as of other cell

## Target Details

types. It is a costimulator of DNA-synthesis. It induces the expression of class II MHC molecules on resting B-cells. It enhances both secretion and cell surface expression of IgE and IgG1. It also regulates the expression of the low affinity Fc receptor for IgE (CD23) on both lymphocytes and monocytes.

Yokota T., Proc. Natl. Acad. Sci. U.S.A. 83:5894-5898(1986).

Arai N., J. Immunol. 142:274-282(1989).

Klein S.C., Immunogenetics 41:57-57(1995).

Aliases: B cell growth factor 1 antibody, B cell IgG differentiation factor antibody, B Cell Stimulatory Factor 1 antibody, B-cell stimulatory factor 1 antibody, BCGF 1 antibody, BCGF1 antibody, Binetrakin antibody, BSF-1 antibody, BSF1 antibody, IGG1 induction factor antibody, IL 4 antibody, IL-4 antibody, IL4 antibody, IL4\_HUMAN antibody, IL4e12 antibody, Interleukin 4 antibody, Interleukin 4 variant 2 antibody, Interleukin 4, isoform 1 antibody, Interleukin-4 antibody, Lymphocyte stimulatory factor 1 antibody, MGC79402 antibody, Pitrakinra antibody

UniProt: [P05112](#)

Pathways: [JAK-STAT Signaling](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Proton Transport](#), [Activated T Cell Proliferation](#)

## Application Details

Application Notes: WB:1:500-1:3000,

Restrictions: For Research Use only

## Handling

Format: Liquid

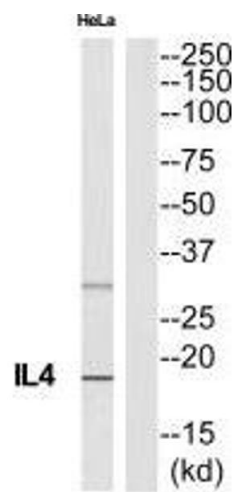
Buffer: Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

**Image 1.** Western blot analysis of extracts from HeLa cells, using IL4 antibody.