

IL4 Antibody

Catalog No: #35227

Package Size: #35227-1 50ul #35227-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

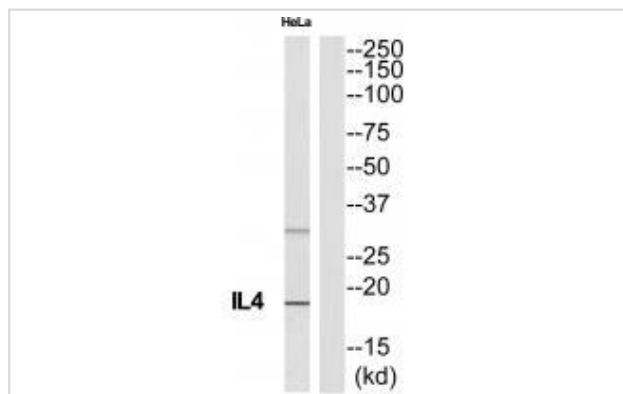
Description

Product Name	IL4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total IL4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human IL4.
Target Name	IL4
Other Names	B cell growth factor 1; B cell stimulatory factor 1; B-cell stimulatory factor 1; BCGF-1; BCGF1
Accession No.	Swiss-Prot: P05112NCBI Gene ID: 3565
SDS-PAGE MW	18kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HeLa cells, using IL4 antibody #35227.

Background

Participates in at least several B-cell activation processes as well as of other cell 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).

Published Papers

el at., Mechanisms of regenerative preconditioning in pigs with subtotal hepatectomies. In Cir Cir on 2022 by Orue-Echebarria, Javier Vaquero,et al..PMID:35944117, , (2022)

[PMID:35944117](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.