

Rabbit anti-Human IL4 Polyclonal Antibody | anti-IL4 antibody

IL4 Antibody

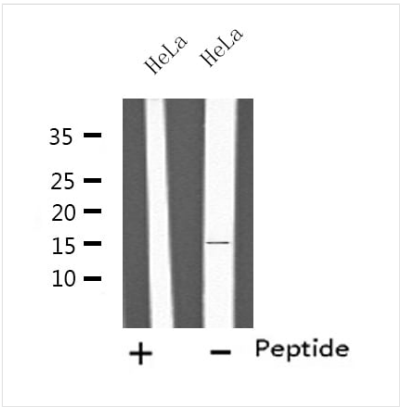
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325349	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

IL4; Polyclonal Antibody; IL4 Antibody; B cell growth factor 1; B cell IgG differentiation factor; B Cell Stimulatory Factor 1; B-cell stimulatory factor 1; BCGF 1; BCGF1; Binetrakin; BSF-1; BSF1; IGG1 induction factor; IL 4; IL-4; IL4_HUMAN; IL4e12; Interleukin 4; Interleukin 4 variant 2; isoform 1; Interleukin-4; Lymphocyte stimulatory factor 1; MGC79402; Pitrakinra; anti-IL4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	IL4 antibody detects endogenous levels of total IL4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	153
Applicable Applications for anti-IL4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using IL4 antibody.



IF (Immunofluorescence)
AAA325349 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IL4 antibody	Function: Participates in at least several B-cell activation processes as well as of other cell types (PubMed:3016727). 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. Positively regulates IL31RA expression in macrophages (By similarity). Similarity: Belongs to the IL-4/IL-13 family.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504669
NCBI GeneID	3565
NCBI Accession #	NP_000580.1
NCBI GenBank Nucleotide #	NM_000589.3
UniProt Accession #	P05112; Q14630; Q6NZ77
Molecular Weight	Observed: 17 kD Predicted: 18 kDa
NCBI Official Full Name	interleukin-4 isoform 1
NCBI Official Synonym Full Names	interleukin 4
NCBI Official Symbol	IL4
NCBI Official Synonym Symbols	BSF1; IL-4; BCGF1; BSF-1; BCGF-1
NCBI Protein Information	interleukin-4
UniProt Protein Name	Interleukin-4
UniProt Gene Name	IL4
UniProt Synonym Gene Names	IL-4; BSF-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.