

## Anti-IL-4 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P013454

### Product Information

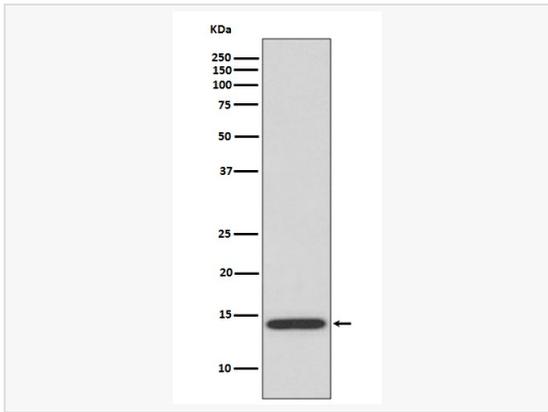
Application	WB, ICC/IF (Cell), ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human IL4
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-IL-4 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	IL4, Interleukin-4, IL-4, B-cell stimulatory factor 1, BSF-1, Binetrakin, Lymphocyte stimulatory factor 1, Pitrakinra.
Calculated MW	Calculated MW: 17 kDa; Observed MW: 14 kDa
Uniprot ID	P05112
Gene ID	3565
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.

## Validation Images

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Western blot analysis of IL-4 in Human tonsil lysates using IL-4 antibody.