

Anti-IL-4 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

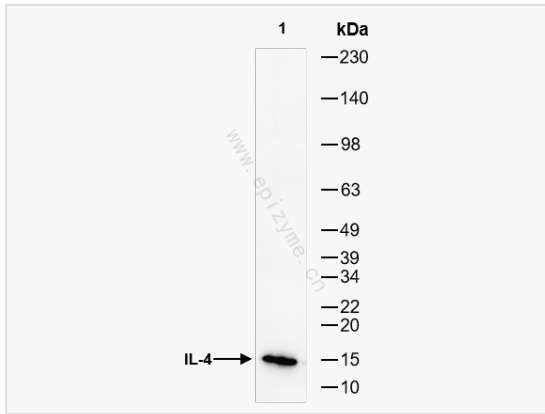
Catalog # R016048

Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	25L73B77
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human IL4
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
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 Rabbit mAb [25L73B77] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	BCGF-1; BCGF1; BSF-1; BSF1; IL-4; IL4_HUMAN; IL4; B-cell stimulatory factor 1 (BSF-1); Binetrakin; Lymphocyte stimulatory factor 1; Pitrakinra; IL4_MOUSE; B-cell IgG differentiation factor; B-cell growth factor 1; IGG1 induction factor; IL4_CANLF.
Calculated MW	Calculated MW: 17 kDa; Observed MW: 15 kDa
Uniprot ID	P05112
Gene ID	3565
Background	The protein encoded by this gene is a pleiotropic cytokine produced by activated T cells. This cytokine is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine. This gene, IL3, IL5, IL13, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL13. This gene, IL13 and IL5 are found to be regulated coordinately by several long-range regulatory elements in an over 120 kilobase range on the chromosome. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]
Cellular Location	Secreted



Western Blot - Anti-IL-4 Rabbit mAb [25L73B77]

All lanes: R016048 at 1:1,000 dilution

Lane 1: THP-1 (Human monocytic leukemia cell) whole cell lysates

Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 17 kDa

Observed band size: 15 kDa

Developed using the ECL technique (Cat. No. SQ201).