

IL4

Reactivity:Human Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:100

Calculated MW:17kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human IL4

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

BSF1; IL-4; BCGF1; BSF-1; BCGF-1;

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.

To place an order, please [Click HERE](#).

Catalog #:A5649

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:3565

Isotype:IgG

Swiss Prot:P05112

Purity:Affinity purification

For research use only.