

## Basic Information

Product Name	Anti-IL4 Antibody
Gene Name	IL4
Source	Rabbit
Isotype	IgG
Species Reactivity	mouse, rat
Tested Application	IHC
Contents	500 ug/ml antibody with PBS , 0.02% NaN3 , 1 mg BSA and 50% glycerol.
Immunogen	E. coli-derived human IL-4 recombinant protein(Position: H25-S153).
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Dilution Ratios	Immunohistochemistry in paraffin section (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

## Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

## Background Information

Interleukin-4(IL-4), also known as a B-cell stimulatory factor1(BSF1), is an immunomodulatory cytokine, which can inhibit the growth of tumour cells. The human cDNA contains a single open reading frame encoding a protein of 153 amino acids, including a putative signal peptide. IL-4 may act as an autocrine growth factor in pancreatic cancer cells and also give rise to the possibility that cancer-derived IL-4 may suppress cancer-directed immunosurveillance in vivo in addition to its growth-promoting effects, thereby facilitating pancreatic tumor growth and metastasis. The mouse and human genes and their protein products show structural and functional similarities. The human IL-4 gene, which occurs as a single copy in the haploid genome, is mapped on chromosome 5.2 The standard product used in this kit is recombinant human IL-4, consisting of 130 amino acids with the molecular mass of 14KDa.

## Reference

Anti-IL4 Antibody被引用在3文献中。

Product datasheet

## Anti-IL4 Antibody

Catalog Number: **BA0980-1**

# BOSTER

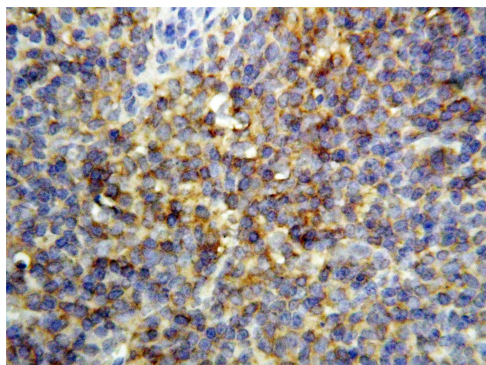
antibody and ELISA experts

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## Selected Validation Data



IL4(BA0980-1) 小鼠淋巴结标本，石蜡切片，SABC法，DAB显色