Product datasheet Anti-IL4 Antibody Catalog Number: BA0980



BOSTER BIOLOGICAL TECHNOLOGY

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Basic Information		
Product Name	Anti-IL4 Antibody	
Gene Name	IL4	
Source	Rabbit	
Isotype	IgG	
Species Reactivity	mouse, rat	
Tested Application	WB, IHC, ELISA	
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.	
Observed MW	17KD	
Dilution Ratios	Western blot(WB): Immunohistochemistry in paraffin section (IHC): ELISA: (Boiling the paraffin sections in 10mM citrate buffer mins is required for the staining of formalin/paraffin 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 knowns 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

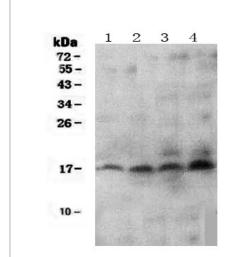
Anti-IL4 Antibody被引用在1文献中。

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Selected Validation Data



IL-4(BA0980)(MW:17KD)大鼠脾,脑,肠,肝组织裂解,免疫印迹分析。