# antibodies -online.com







## anti-IL-4 antibody

**Images** 



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Quantity:	100 μg	
Target:	IL-4 (IL4)	
Reactivity:	Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This IL-4 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)	
Product Details		
Immunogen:	E.coli derived recombinant Murine IL-4.	
	Type of Immunogen: Cell extract	
Specificity:	Mouse IL-4	
Purification:	Immunoaffinity purified	
Target Details		
Target:	IL-4 (IL4)	
Alternative Name:	IL4 (IL4 Products)	
Background:	Name/Gene ID: IL4	
	Family: Hormone	

#### **Target Details**

	Synonyms: IL4, B cell growth factor 1, B-cell stimulatory factor 1, B_cell stimulatory factor 1, BCGF1, BSF-1, Binetrakin, BCGF-1, Interleukin 4, Interleukin-4, Pitrakinra, BSF1, IL-4		
Gene ID:	3565		
UniProt:	P05112		
Pathways:	JAK-STAT Signaling, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, Proton Transport, Activated T Cell Proliferation		

#### **Application Details**

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Approved: ELISA (0.5 - 2 μg/mL), Neut (0.78 - 1.16 μg/mL), WB

Usage: Neutralization: To yield one-half maximal inhibition [ND] of the biological activity of Murine IL-4 (5 ng/mL), a concentration of 0.78-1.16  $\mu$ g/mL of this antibody is required. ELISA: To detect Murine IL-4 by sandwich ELISA (using 100  $\mu$ L/well antibody solution) a concentration of 0.5-2  $\mu$ g/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Murine IL-4 (LS-C104823) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Murine IL-4. Western Blot: To detect Murine IL-4 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2  $\mu$ g/mL. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Murine IL-4 is 1.5-3 ng/lane, under either reducing or non-reducing conditions.

Comment:

Target Species of Antibody: Mouse

Restrictions:

For Research Use only

#### Handling

Format:	Lyophilized	
Reconstitution:	Sterile water	
Concentration:	Lot specific	
Buffer:	Lyophilized from PBS, pH 7.2	
Handling Advice:	Avoid freeze/thaw cycles.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store Lyophilized at room temperature up to 1 month	

Reconstituted for up to 2 weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage. Avoid freeze/thaw cycles.

### **Images**

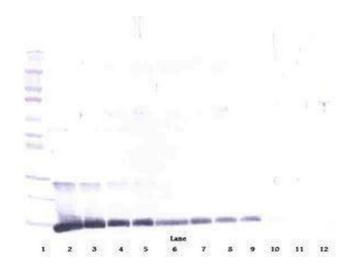


Image 1.

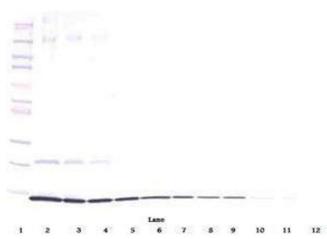


Image 2.