

Datasheet for ABIN465884
anti-IL-4 antibody (Biotin)

2 Images

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Overview

Quantity:	50 µg
Target:	IL-4 (IL4)
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-4 antibody is conjugated to Biotin
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

Application Notes:	Approved: ELISA (1 µg/mL), Neut, WB (0.1 - 0.2 µg/mL) Usage: The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested. ELISA: To detect Murine IL-4 by direct ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1 µg/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2-0.4 ng/well of recombinant Murine IL-4. To detect Murine IL-4 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1 µg/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with Polyclonal Anti-Murine IL-4 (LS-C104801) as a capture 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 µg/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 PBS containing 0.1 % BSA
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, pH 7.2
Handling Advice:	Avoid freeze/thaw cycles.

Handling

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.

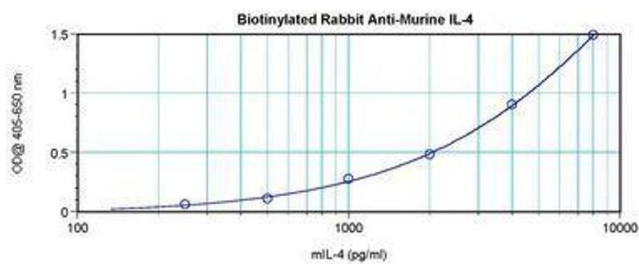


Image 2.

