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Datasheet for ABIN465360  
**anti-IL-7 antibody (Biotin)**

2 Images

### Overview

Quantity:	50 µg
Target:	IL-7 (IL7)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-7 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)

### Product Details

Immunogen:	E.coli derived recombinant Human IL-7. Type of Immunogen: Cell extract
Specificity:	Human IL-7
Purification:	Immunoaffinity purified

### Target Details

Target:	IL-7 (IL7)
Alternative Name:	IL7 ( <a href="#">IL7 Products</a> )
Background:	Name/Gene ID: IL7 Family: IL-7/ IL-9

## Target Details

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Synonyms: IL7, IL-7, Interleukin-7, Interleukin 7

Gene ID: 3574

UniProt: [P13232](#)

Pathways: [JAK-STAT Signaling](#)

## Application Details

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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 Human IL-7 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 Human IL-7. To detect Human IL-7 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-Human IL-7 (LS-C104554) as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Human IL-7. Western Blot: To detect Human IL-7 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 hIL-7 is 1.5-3 ng/lane, under either reducing or non-reducing conditions.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

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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.

Storage: 4 °C,-20 °C

Storage Comment: Store Lyophilized at room temperature up to 1 month

## Handling

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

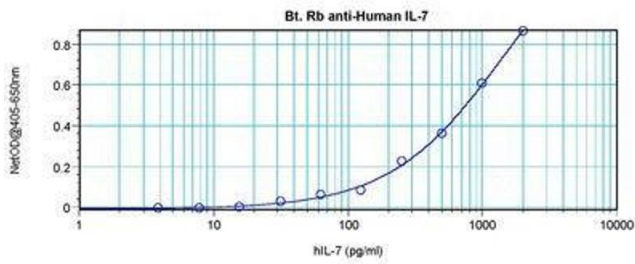


Image 1.

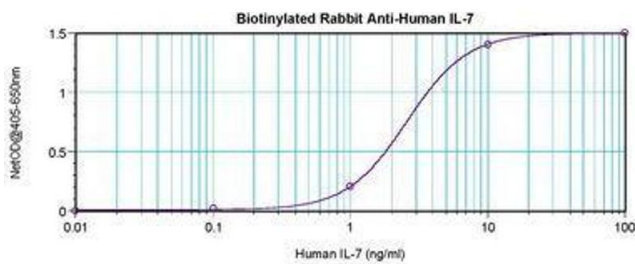


Image 2.