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Datasheet for ABIN465008
anti-IL-11 antibody (Biotin)

2 Images

Overview

Quantity:	50 µg
Target:	IL-11 (IL11)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-11 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)

Product Details

Immunogen:	E.coli derived recombinant Human IL-11. Type of Immunogen: Cell extract
Specificity:	Human IL-11
Purification:	Immunoaffinity purified

Target Details

Target:	IL-11 (IL11)
Alternative Name:	IL11 (IL11 Products)
Background:	Name/Gene ID: IL11 Family: Hormone

Target Details

Synonyms: IL11, AGIF, Adipogenesis inhibitory factor, IL-11, Interleukin-11, Oprelvekin, Interleukin 11

Gene ID: 3589

UniProt: [P20809](#)

Pathways: [JAK-STAT Signaling](#), [Negative Regulation of Hormone Secretion](#)

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 hIL-11 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 hIL-11. To detect hIL-11 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-11 (LS-C104366) as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hIL-11. Western Blot: To detect hIL-11 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-11 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

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

Handling

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

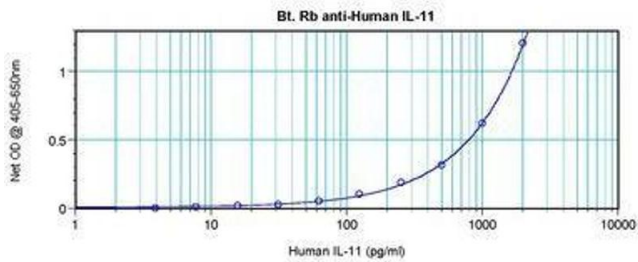


Image 1.

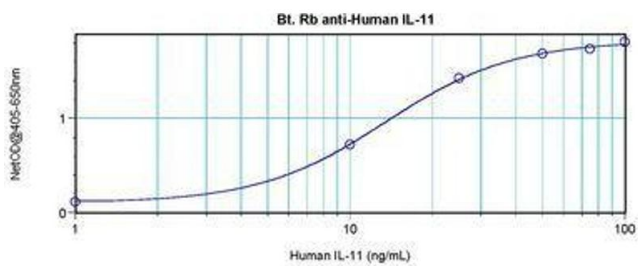


Image 2.