



Datasheet for ABIN464896

anti-IL-3 antibody

3 Images



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Overview

Quantity:	100 µg
Target:	IL-3
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IL-3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)

Product Details

Immunogen:	E.coli derived recombinant Rat IL-3beta. Type of Immunogen: Cell extract
Specificity:	Rat IL-3beta
Purification:	Immunoaffinity purified

Target Details

Target:	IL-3
Alternative Name:	IL3 (IL-3 Products)
Background:	Name/Gene ID: IL3 Family: Hormone

Target Details

Synonyms: IL3, Hematopoietic growth factor, IL-3, Mast-cell growth factor, MULTI-CSF, P-cell-stimulating factor, Interleukin-3, Mast cell growth factor, MCGF, P-cell stimulating factor

Gene ID: 3562

UniProt: [P08700](#)

Pathways: [JAK-STAT Signaling](#), [Regulation of Carbohydrate Metabolic Process](#), [Autophagy](#)

Application Details

Application Notes: Approved: ELISA (0.5 - 2 µg/mL), Neut (0.68 - 13 µg/mL), WB

Usage: Neutralization: To yield one-half maximal inhibition [ND] of the biological activity of Rat IL-3beta (150 ng/mL), a concentration of 0.68-13 µg/mL of this antibody is required. ELISA: To detect Rat IL-3beta by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5-2 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Rat IL-3beta (LS-C104277) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Rat IL-3beta. Western Blot: To detect Rat IL-3beta 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 Rat IL-3beta is 1.5-3 ng/lane, under either reducing or non-reducing conditions.

Comment: Target Species of Antibody: Rat

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.

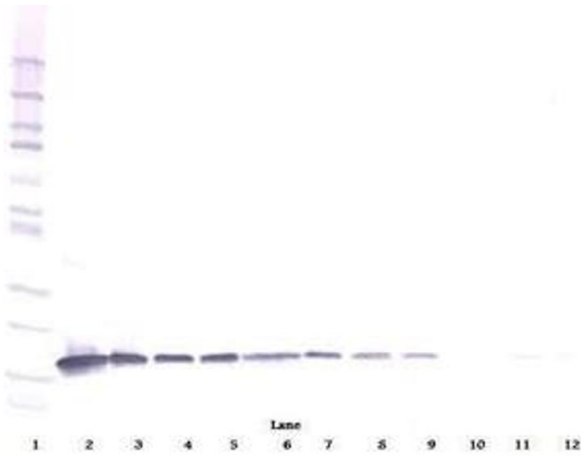


Image 1.

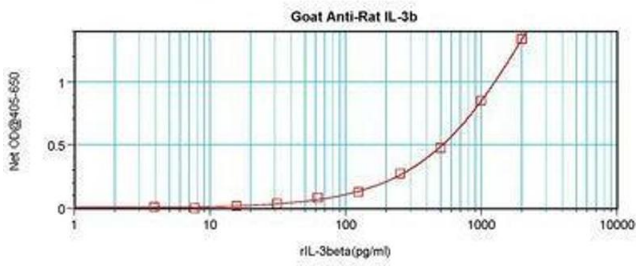


Image 2.

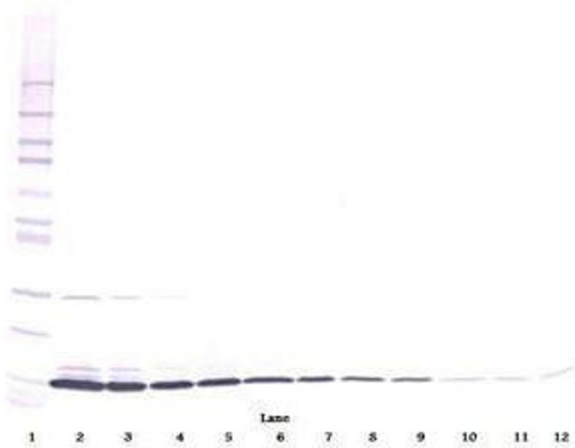


Image 3.