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Datasheet for ABIN5687647  
**anti-IL-3 beta antibody**

### Overview

Quantity:	0.1 mg
Target:	IL-3 beta
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IL-3 beta antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)

### Product Details

Immunogen:	Produced from sera of goats pre-immunized with highly pure (>98%) recombinant Rat IL-3 $\beta$ , (rat IL-3 beta).
Purification:	Anti-rat IL-3 $\beta$ , specific antibody was purified by affinity chromatography employing immobilized hIL-3 $\beta$ , matrix.

### Target Details

Target:	IL-3 beta
Alternative Name:	IL-3B ( <a href="#">IL-3 beta Products</a> )
Background:	IL-3 acts in hematopoiesis by controlling the production, differentiation, and function of two related white cell populations of the blood, the granulocytes and the monocytes/macrophages. It induces granulocytes, macrophages, mast cells, stem cells, erythroid cells, eosinophils and megakaryocytes and is expressed by activated T cells, mast cells, and natural killer cells

## Target Details

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Gene ID: 24495

UniProt: [P97688](#)

## Application Details

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Application Notes:

Neutralization:

To yield one-half maximal inhibition [ND50] of the biological activity of Rat IL-3 $\beta$ , (150 ng/mL), a concentration of 0.68 - 1.03  $\mu$ g/mL of this antibody is required.

ELISA:

To detect Rat IL-3 $\beta$ , by indirect ELISA (using 100  $\mu$ L/well antibody solution) a concentration of 0.5 - 2.0  $\mu$ g/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Rat IL-3 $\beta$ ,.

Sandwich:

To detect Rat IL-3 $\beta$ , by sandwich ELISA (using 100  $\mu$ L/well antibody solution) a concentration of 0.5 - 2.0  $\mu$ g/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with our Biotinylated Anti-Rat IL-3 $\beta$ , (XP-5187Bt) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Rat IL-3 $\beta$ ,.

Western Blot:

To detect Rat IL-3 $\beta$ , by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2  $\mu$ g/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant Rat IL-3 $\beta$ , is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Storage: -20 °C

Storage Comment: IL-3B antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted

## Handling

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antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. Avoid repeated freeze-thaw cycles.