

Product datasheet for **PP1127P2**

IL3 Goat Polyclonal Antibody

Product data:

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|------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | ELISA, FN, WB |
| Recommended Dilution: | Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of Rat IL-3beta (100 ng/ml), a concentration of 2.7-4.0 µg/ml of this antibody is required. ELISA: To detect rat IL-3 beta by direct ELISA (using 100 µl/well antibody solution) this antibody can be used at a concentration of 0.15-0.30 µg/ml. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 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 µg/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. |
| Reactivity: | Rat |
| Host: | Goat |
| Clonality: | Polyclonal |
| Immunogen: | Highly pure (>98%) recombinant rIL-3 beta. |
| Specificity: | Rat Interleukin-3 beta |
| Formulation: | PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized (sterile filtered) purified Ig fraction. |
| Reconstitution Method: | Restore in sterile water to a concentration of 0.1-1.0 mg/ml |
| Purification: | Affinity chromatography |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: One year from despatch. |
| Gene Name: | interleukin 3 |



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Database Link: [Entrez Gene 24495 Rat P97688](#)

Background: IL3 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.

Synonyms: IL-3 beta, IL3B

Note: Centrifuge vial prior to opening!