

## Product datasheet for **TA388936**

### IL3 Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Sandwich ELISA: To detect Rat IL-3 beta by sandwich ELISA (using 100 ul/well antibody solution) a concentration of 0.25 – 1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with ProSci's Polyclonal Anti-Rat IL-3 beta as a capture 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 ug/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:	Produced from sera of goats pre-immunized with highly pure (>98%) recombinant Rat IL-3beta. Anti-Rat IL-3beta specific antibody was purified by affinity chromatography and then biotinylated.
Concentration:	lot specific
Purification:	IL-3 beta specific antibody was purified by affinity chromatography and then biotinylated
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Database Link:	<a href="#">P97688</a>



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**Background:**

IL-3 is a hematopoietic growth factor that promotes the survival, differentiation and proliferation of committed progenitor cells of the megakaryocyte, granulocyte-macrophage, erythroid, eosinophil, basophil and mast cell lineages. Produced by T cells, mast cells and eosinophils, IL-3 enhances thrombopoiesis, phagocytosis, and antibody-mediated cellular cytotoxicity. Its ability to activate monocytes suggests that IL-3 may have additional immunoregulatory roles. Many of the IL-3 activities depend upon co-stimulation with other cytokines. IL-3 is a species-specific, variably glycosylated cytokine. Recombinant Rat IL-3beta is a 16.3 kDa globular protein containing 144 amino acid residues.