

Product datasheet for **TA388919**

IL3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Sandwich ELISA: To detect mIL-3 by sandwich ELISA (using 100 ul/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with ProSci's Biotinylated Anti-Murine IL-3 as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant mIL-3. Western Blot To detect mIL-3 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 mIL-3 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Produced from sera of rabbits immunized with highly pure Recombinant Murine IL-3. Anti-Murine IL-3-specific antibody was purified by affinity chromatography employing immobilized Murine IL-3 matrix.
Concentration:	lot specific
Purification:	IL-3-specific antibody was purified by affinity chromatography employing immobilized Murine IL-3 matrix
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Database Link:	P01586



[View online »](#)

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 Murine IL-3 is a 15.1 kDa globular protein containing 135 amino acid residues.