



Rabbit Anti-IL3 antibody

SL2598R

Product Name:	IL3
Chinese Name:	白介素3抗体
Alias:	Burst promoting activity; Colony stimulating factor multiple; Eosinophil colony stimulating factor; Hematopoietic growth factor; IL-3; IL3; IL3_MOUSE; Interleukin 3 (colony stimulating factor, multiple); IL 3; Interleukin 3; Mast cell growth factor; MCGF; MGC79398; MGC79399; Multi CSF; Multilineage colony stimulating factor; Multipotential colony stimulating factor; P cell stimulating factor; Thy1 inducing factor; BPA; HCGF; Il 3; Interleukin-3; Mast cell growth factor; MCGF; Multi CSF; OTTHUMP00000065963; P-cell-stimulating factor; MCGF; MGC79399; Csfmu; Hematopoietic growth factor; IL3B; Interleukin 3 beta; Interleukin 3 precursor; Mast-cell growth factor; MGC79398; MULTI-CSF; Multilineage colony stimulating factor; Multipotential colony-stimulating factor; P cell stimulating factor; PSF; RP23-309E16.5.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	16kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from mouse IL-3:101-166/166
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year

	when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>The pleiotropic IL3 (Interleukin 3) is a 15kDa cytokine that is primarily secreted by activated T lymphocytes and stimulates the proliferation and differentiation of hematopoietic cells. 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. IL3 not only supports growth of both pluripotent stem cells and the more differentiated committed progenitors, but it also stimulates the functional activity of some fully differentiated cells. IL3 has also been shown to protect mast cells from undergoing apoptosis.</p> <p>Function: Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages. This CSF induces granulocytes, macrophages, mast cells, stem cells, erythroid cells, eosinophils and megakaryocytes.</p> <p>Subunit: Monomer.</p> <p>Subcellular Location: Secreted.</p> <p>Tissue Specificity: Activated T-cells, mast cells, natural killer cells.</p> <p>Similarity: Belongs to the IL-3 family.</p> <p>SWISS: P01586</p> <p>Gene ID: 16187</p> <p>Database links: Entrez Gene: 3562Human Entrez Gene: 16187Mouse Omim: 147740Human</p>

[SwissProt: P08700](#)Human

[SwissProt: P01586](#)Mouse

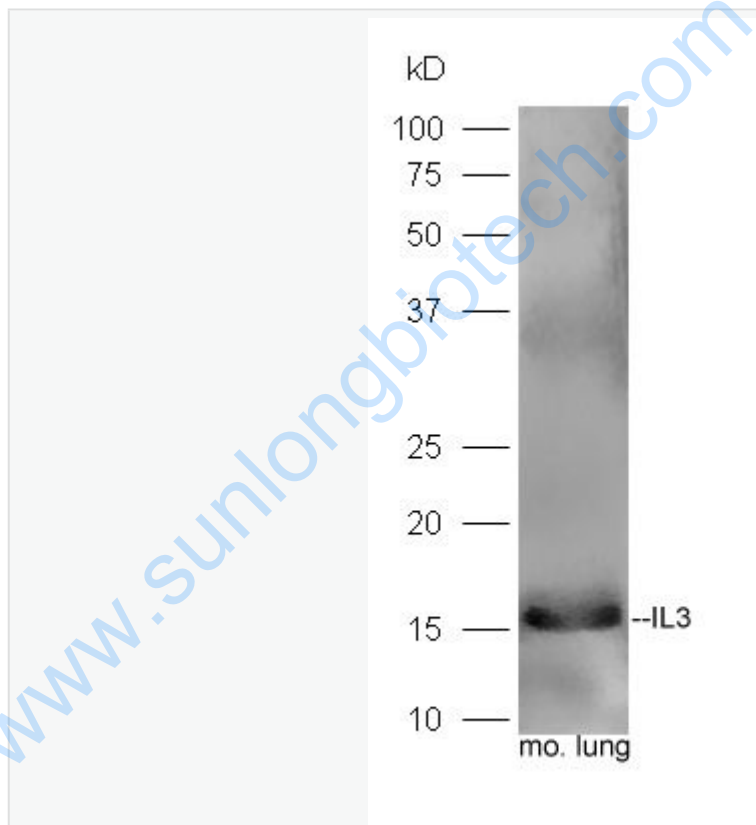
[Unigene: 694](#)Human

[Unigene: 983](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample: Lung(Mouse) lysate at 30ug;

Primary: Anti- IL3 (SL2598R) at 1:300 dilution;

Secondary: HRP conjugated Goat-Anti-rabbit IgG(SL2598R) at 1: 5000 dilution;

Predicted band size:16 kD

	Observed band size:16 kD
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