

## ARG66016 anti-IL3 antibody (Biotin)

Package: 50 µg  
Store at: 4°C

### Summary

|                     |   |
|---------------------|---|
| Product Description | Biotin-conjugated Rabbit Polyclonal antibody recognizes IL3   |
| Tested Reactivity   | Ms  |
| Tested Application  | ELISA, WB   |
| Host                | Rabbit  |
| Clonality           | Polyclonal  |
| Isotype             | IgG   |
| Target Name         | IL3   |
| Species             | Mouse   |
| Immunogen           | E. coli derived recombinant Mouse IL3.<br>(MDTHRLRRTL NCSSIVKEII GKLPEPELKT DDEGPSLRNK SFRRVNLKSF VESQGEVDPE DRYVIKSNLQ<br>KLNCCLP TSA NDSALPGVFI RDLDDFRKKL RFYMVHLNLDL ETVLTSRPPQ PASGSVSPNR GTVEC) |
| Conjugation         | Biotin  |
| Alternate Names     | MCGF; Mast cell growth factor; P-cell-stimulating factor; Hematopoietic growth factor; IL-3;<br>Interleukin-3; Multipotential colony-stimulating factor; MULTI-CSF                                    |

### Application Instructions

| Application table | Application | Dilution   |
|-------------------|-------------|--|
|                   | ELISA       | Direct: 0.25 - 1.0 µg/ml<br>Sandwich: 0.25 - 1.0 µg/ml with ARG66015 as a capture antibody |
|                   | WB          | 0.1 - 0.2 µg/ml  |

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

|                     |  |
|---------------------|--|
| Form                | Liquid   |
| Purification        | Purified by affinity chromatography.   |
| Buffer              | PBS (pH 7.2)   |
| Concentration       | 1 mg/ml  |
| Storage instruction | Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.   |

## Bioinformation

Database links

[GeneID: 16187 Mouse](#)

[Swiss-port # P01586 Mouse](#)

Gene Symbol

IL3

Gene Full Name

interleukin 3

Background

The protein encoded by this gene is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders. [provided by RefSeq, Jul 2008]

Function

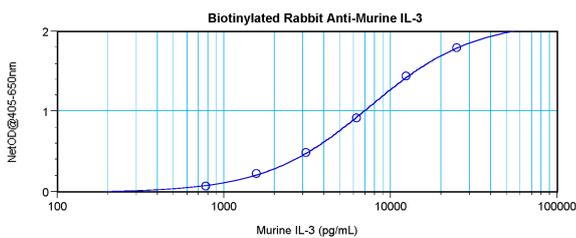
Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages.

This CSF induces granulocytes, macrophages, mast cells, stem cells, erythroid cells, eosinophils and megakaryocytes. [UniProt]

Calculated Mw

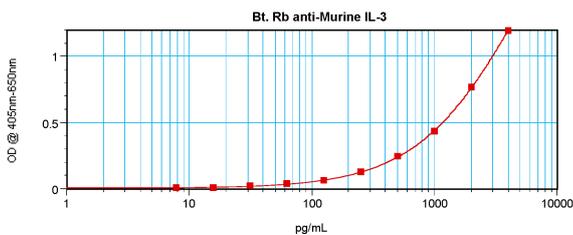
17 kDa

## Images



ARG66016 anti-IL3 antibody (Biotin) standard curve image

Direct ELISA: ARG66016 anti-IL3 antibody (Biotin) at 0.25 - 1.0  $\mu$ g/ml results of a typical standard run with optical density reading at 405 - 650 nm.



ARG66016 anti-IL3 antibody (Biotin) standard curve image

Sandwich ELISA: ARG66016 anti-IL3 antibody (Biotin) as a detection antibody at 0.25 - 1.0  $\mu$ g/ml combined with ARG66015 anti-IL3 antibody as a capture antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.