# ARG21485
# anti-IL3 antibody [MP2-43D11] (Biotin)

Package: 100 µg
Store at: 4°C

## Summary

| | |
|---|---|
| Product Description | Biotin-conjugated Rat Monoclonal antibody [MP2-43D11] recognizes IL3 |
| Tested Reactivity | Ms |
| Tested Application | ELISA, ELISPOT, ICC/IF, IHC-Fr, Neut, WB |
| Specificity | Mouse IL-3. |
| Host | Rat |
| Clonality | Monoclonal |
| Clone | MP2-43D11 |
| Isotype | IgG2a, kappa |
| Target Name | IL3 |
| Species | Mouse |
| Immunogen | COS-expressed mouse IL-3 |
| Conjugation | Biotin |
| Alternate Names | MCGF; Mast cell growth factor; P-cell-stimulating factor; Hematopoietic growth factor; IL-3; Interleukin-3; Multipotential colony-stimulating factor; MULTI-CSF |

## Application Instructions

Application table

| Application | Dilution |
|---|---|
| ELISA | 1:1000 - 1:2000 |
| ELISPOT | Assay-dependent |
| ICC/IF | Assay-dependent |
| IHC-Fr | Assay-dependent |
| Neut | Assay-dependent |
| WB | Assay-dependent |

Application Note

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

## Properties

| | |
|---|---|
| Form | Liquid |
| Buffer | PBS and 0.1% Sodium azide. |
| Preservative | 0.1% Sodium azide |
| Concentration | 0.5 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

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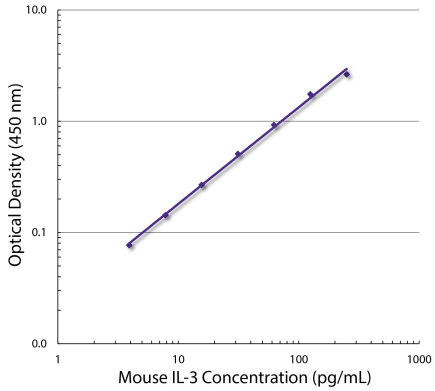
|---|---|
| Database links | GeneID: 16187 Mouse<br><br>Swiss-port # P01586 Mouse |
| Gene Symbol | IL3 |
| Gene Full Name | interleukin 3 |
| Background | The protein encoded by this gene is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range 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.<br><br>This CSF induces granulocytes, macrophages, mast cells, stem cells, erythroid cells, eosinophils and megakaryocytes. [UniProt] |
| Calculated Mw | 17 kDa |

## Images




ARG21485 anti-IL3 antibody [MP2-43D11] (Biotin) standard curve image

ELISA: Mouse IL-3 detected by ARG21482 anti-IL3 antibody [MP2-8F8] as capture antibody ( ARG21483: Azide free version), and ARG21485 anti-IL3 antibody [MP2-43D11] (Biotin) as detection antibody, follow by incubation with streptavidin-HRP.