IL3
Rat Anti-Human IL-3 Clone BVD8-3G11 mAb

Catalog No.	CSI10028 CSI10029	**Quantity:**	50 µg 0.5 mg

Alternate Names: interleukin-3, mast cell growth factor, mast-cell growth factor, P-cell stimulating factor, P-cell-stimulating factor, hematopoietic growth factor, multilineage-colony-stimulating factor, multipotential colony-stimulating factor

Description: IL-3 is a highly species-specific pleiotropic factor produced primarily by activated T cells though also by mast cells, keratinocytes, and astrocytes, which stimulates colony formation of megakaryocytes, neutrophils, and macrophages from bone marrow cultures. The BVD8-3G11 antibody can neutralize the bioactivity of natural or recombinant IL-3.

Concentration: 0.5 mg/ml

Gene ID: 3562

Host: Mouse

Immunogen: Yeast-expressed, recombinant human IL-3

Isotype: Rat IgG1, κ

Clone: BVD8-3G11

Bioactivity: Proliferation/differentiation of almost all types of hematopoietic progenitors into granulocytes, macrophages, erythroid cells, megakaryocytes, mast cell colonies; induces expression of 20-α-steroid dehydrogenase, histidine, ornithine decarboxylase

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

Purification: The antibody was purified by affinity chromatography.

Reconstitution: Recommended Usage: Each lot of this antibody is quality control tested by ELISA assay. For ELISA capture applications, a concentration range of 2-8 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of MCP-1 recombinant protein ranging from 2000 to 31.3 pg/ml are recommended for each ELISA plate. It is recommended that the reagent be titrated for optimal performance for each application.

Reactivity: Human, IL-12/IL-23 p40 subunit (monomer, homodimer and heterodimer IL-12 p35/p40 or IL-23 p19/p40)

Applications: ELISA Capture, IP, WB

Recommended Usage: Each lot of this antibody is quality control tested by ELISA assay. For ELISA capture applications, a concentration range of 0.5-2 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of human IL-3 protein ranging from 2000 to 15 pg/ml are recommended for each ELISA plate. It is recommended that the reagent be titrated for optimal performance for each application

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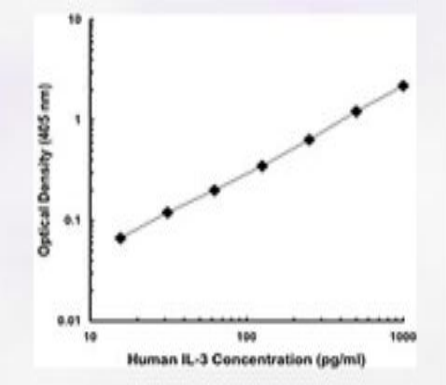
Storage & Stability: The antibody solution should be stored undiluted at 2-4°C. **Do not freeze**



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