

IL3

Rat Anti-Human IL-3 Clone BVD3-1F9 mAb

Catalog No.	CSI10032 CSI10033	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 BVD3-1F9 antibody can neutralize the bioactivity of natural or recombinant IL-3.		
Concentration:	0.5 mg/ml		
Gene ID:	3562		
Host:	Rat		
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		
Applications:	ICFC, IHC, 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.		
Storage & Stability:	The antibody solution should be stored undiluted at 2-4°C. Do not freeze		

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