

## IL3

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

<b>Catalog No.</b>	CSI10032	<b>Quantity:</b>	50 µg
	CSI10033		0.5 mg
<b>Alternate Names:</b>	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		
<b>Description:</b>	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.		
<b>Concentration:</b>	0.5 mg/ml		
<b>Gene ID:</b>	3562		
<b>Host:</b>	Rat		
<b>Immunogen:</b>	Yeast-expressed, recombinant human IL-3		
<b>Isotype:</b>	Rat IgG1, κ		
<b>Clone:</b>	BVD8-3G11		
<b>Bioactivity:</b>	Proliferation/differentiation of almost all types of hematopoietic progenitors into granulocytes, macrophages, erythroid cells, megakaryocytes, mast cell colonies; induces expression of 20- $\alpha$ -steroid dehydrogenase, histidine, ornithine decarboxylase		
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide. <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	The antibody was purified by affinity chromatography.		
<b>Reconstitution:</b>	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.		
<b>Reactivity:</b>	Human		
<b>Applications:</b>	ICFC, IHC, IP, WB		
<b>Recommended Usage:</b>	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.		
<b>Storage &amp; Stability:</b>	The antibody solution should be stored undiluted at 2-4°C. <b>Do not freeze</b>		

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