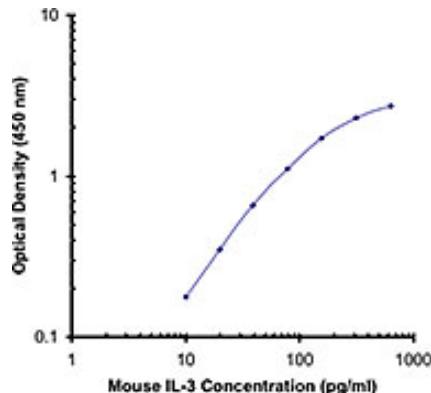


## IL3

### Rat Anti-Mouse IL-3 Clone MP2-43D11 Biotin mAb

<b>Catalog No.</b>	CSI10941 CSI10942	<b>Quantity:</b>	50 µg 0.5 mg
<b>Alternate Names:</b>	Interleukin-3, Burst promoting activity (BP/BPA), Eosinophil colony stimulating factor (Eo-CSF), Hematopoietic cell growth factor (HCGF), Mast cell growth factor (MGF/MCGF), Multi-colony stimulating factor (Multi-CSF), P cell stimulating activity (PCSA),		
<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 MP2-43D11 antibody reacts with mouse interleukin-3 (IL-3). The MP2-43D11 antibody can not neutralize the bioactivity of natural or recombinant IL-3.		
<b>Concentration:</b>	0.5 mg/ml		
<b>Gene ID:</b>	16187		
<b>Host:</b>	Rat		
<b>Immunogen:</b>	COS-expressed, recombinant mouse IL-3		
<b>Isotype:</b>	Rat IgG2a, κ		
<b>Clone:</b>	MP2-43D11		
<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, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.		
<b>Reactivity:</b>	Mouse		
<b>Applications:</b>	ELISA Detection, ELISPOT Detection		
<b>Recommended Usage:</b>	Each lot of this antibody is quality control tested by ELISA assay. For use as an ELISA detection antibody, a concentration range of 0.5-2.0 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of IL-3 recombinant protein ranging from 250 to 2 pg/ml are recommended for each ELISA plate. For use as an ELISPOT detection antibody, a concentration range of 1-4 µg/ml is recommended. 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 4 °C. <b>Do not freeze.</b>		





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