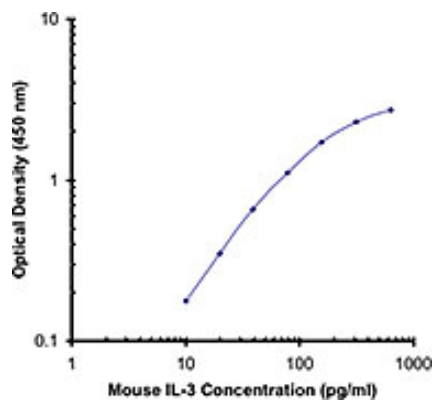


IL3

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

Catalog No.	CSI10941 CSI10942	Quantity:	50 µg 0.5 mg
Alternate Names:	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),		
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 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.		
Concentration:	0.5 mg/ml		
Gene ID:	16187		
Host:	Rat		
Immunogen:	COS-expressed, recombinant mouse IL-3		
Isotype:	Rat IgG2a, κ		
Clone:	MP2-43D11		
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, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.		
Reactivity:	Mouse		
Applications:	ELISA Detection, ELISPOT Detection		
Recommended Usage:	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.		
Storage & Stability:	The antibody solution should be stored undiluted at 4 °C. Do not freeze.		





NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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