

IL4

Mouse Anti-Human IL-4 (Clone B-S4) mAb, Azide Free

Catalog No.	CDM264A CDM264B	Quantity:	200 µg 500 µg
Alternate Names:	Interleukin-4, B cell stimulatory factor, BSF-1, Lymphocyte stimulatory factor		
Description:	IL-4 is a lymphokine that co-stimulates the proliferation of activated B- and T-cells, augments the cytotoxic activity of lymphocytes and monocytes and enhances the functional activity of myeloid cells. Produced by mast cells, T-cells and bone marrow stromal cells, IL-4 regulates the differentiation of naive CD4+ cells into helper Th2 cells characterized by their cytokine secretion-profile that includes secretion of IL-4, IL-5, IL-6, IL-10 and IL-13 which favour a humoral immune response. In addition, IL-4 can inhibit the proliferation of TNF, IL-1 and IL-6 by macrophages.		
UniProt ID:	P05112		
Gene ID:	3565		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes both native and recombinant human IL-4		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Isotype:	Mouse IgG1		
Immunogen:	Recombinant human IL-4		
Clone:	B-S4		
Formulation:	Sterile-filtered PBS, treated to remove endotoxins. Carrier and preservative free.		
Purification:	Ion exchange chromatography		
Biological Activity:	Inhibits IL-4 induced proliferation on TF1 cells		
Applications:	Functional Studies, IHC		
Storage & Stability:	Store at 2-8°C for up to 1 year or in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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



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