

IL10

Mouse Anti-Human IL-10 (Clone B-S10) mAb, Azide Free

Catalog No.	CDM270A CDM270B CDM270C	Quantity:	200 µg 500 µg 1.0 mg
Alternate Names:	Interleukin 10, Cytokine synthesis inhibitory factor, CSIF		
Description:	The monoclonal antibody recognizes human IL-10, a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway.		
UniProt ID:	P22301		
Gene ID:	3586		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes both native and recombinant human IL-10.		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Isotype:	Mouse IgG1κ		
Immunogen:	Recombinant Human IL-10		
Clone:	B-S10		
Formulation:	Sterile filtered PBS, treated to remove endotoxins. Carrier and preservative free.		
Biological Activity:	Inhibits IL-10 induced proliferation on MC/9 cell line.		
Applications:	ELISA, IHC, Functional Studies		
Application Notes:	ELISA: Use as a Capture antibody at a coating concentration of 1-5µg/ml, in combination with biotinylated human IL-10 Detection Antibody (CDM428). The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable at 2-8°C for one year. For longer storage, freeze in working aliquots at -20 to -80°C. Avoid repeated freeze-thaw cycles.		

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