

IL10

Mouse Anti-Human IL-10 (Clone B-T10) Biotin Detection mAb

Catalog No.	CDM428	Quantity:	100 µg
Alternate Names:	Interleukin 10, CSIF, TGIF, GVHDS, IL10A		
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.		
Gene ID:	3586		
Concentration:	0.1 mg/ml		
Conjugate:	Biotin		
Specificity:	Recognizes natural and recombinant human IL-10.		
Host:	Mouse		
Isotype:	IgG2b κ		
Immunogen:	Recombinant human IL-10		
Clone:	B-T10		
Formulation:	Liquid in PBS+ 1% BSA +0.09% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	ELISA		
Application Notes:	May be used as the detection antibody in a sandwich immunoassay to detect human IL-10. The antibody may be used in combination with human IL-10 Capture Antibody (CDM404). The suggested concentration range for ELISA/ ELISpot: 0.05-0.5 µg/ml. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable at 2-8°C for 12 months. For longer storage, store aliquots at -20 to -80°C. Avoid repeated freeze-thaw cycles.		

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