

## IL10

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

<b>Catalog No.</b>	CDM404	<b>Quantity:</b>	1 mg
<b>Alternate Names:</b>	Interleukin 10, CSIF, TGIF, GVHDS, IL10A		
<b>Description:</b>	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.		
<b>Gene ID:</b>	3586		
<b>Concentration:</b>	1.0 mg/ml		
<b>Conjugate:</b>	Unconjugated		
<b>Specificity:</b>	Recognizes both natural and recombinant human IL-10.		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG1		
<b>Immunogen:</b>	Recombinant Human IL-10		
<b>Clone:</b>	B-S10		
<b>Formulation:</b>	Liquid in PBS. Sterile filtered. Carrier and preservative free.		
<b>Applications:</b>	ELISA, ELISpot		
<b>Application Notes:</b>	May be used as the capture antibody in a sandwich immunoassay to detect human IL-10. Recommended use in combination with biotinylated human IL-10 Detection Antibody (CDM428). Recommended coating concentrations: ELISA: 1-5 µg/ml ELISpot: 5-10 µg/ml The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Stable at 2-8°C for one year. For longer storage, freeze in working aliquots at -20 to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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