

## IL6

### Mouse Anti-Human IL-6 (Clone B-E4) Biotin Detection mAb

<b>Catalog No.</b>	CDM426	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	Interleukin-6, IL-6, B-cell stimulatory factor 2, BSF-2, CTL differentiation factor, CDF, Hybridoma growth factor, Interferon beta-2, IFN-beta-2		
<b>Description:</b>	The mouse monoclonal antibody recognizes human IL-6, a cytokine that functions in inflammation and the maturation of B cells. In addition, it has been shown to be an endogenous pyrogen capable of inducing fever in people with autoimmune diseases or infections. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha.		
<b>UniProt ID (target):</b>	P05231		
<b>Concentration:</b>	0.1 mg/ml		
<b>Conjugate:</b>	Biotin		
<b>Specificity:</b>	Recognizes both native and recombinant human IL-6.		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x BALB/c spleen cells		
<b>Isotype:</b>	Mouse IgG2b		
<b>Immunogen:</b>	Recombinant human IL-6		
<b>Clone:</b>	B-E4		
<b>Source:</b>	Serum free, hybridoma culture supernatant		
<b>Formulation:</b>	Sterile filtered PBS containing 1% BSA, 0.09% Sodium Azide		
<b>Purification:</b>	Affinity chromatography		
<b>Applications:</b>	ELISA, ELISPOT		
<b>Application Notes:</b>	ELISA / ELISPOT Detection Antibody recommended concentration: 0.05-0.5 µg/ml This Antibody can be used for Detection in a human IL-6 sandwich immunoassay in combination with human IL-6 Capture Antibody (Cat No. CDM402). The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for 1 year. For longer storage, aliquot and freeze -20 to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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