

IL6

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

Catalog No.	CDM426	Quantity:	100 µg
Alternate Names:	HGF, HSF, BSF2, IL-6, IFNB2		
Description:	Mouse Anti-Human IL-6 Clone B-E4 Biotin Detection mAb. IL-6 is 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. The malfunction of IL-6 has been associated with a wide range of inflammation-associated disease states, including susceptibility to diabetes mellitus and systemic juvenile rheumatoid arthritis.		
Concentration:	0.1 mg/ml		
Gene ID:	3569		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c spleen cells		
Specificity:	Recognizes both natural and recombinant IL-6		
Host:	Mouse		
Immunogen:	Recombinant human IL-6		
Isotype:	IgG2b		
Clone:	B-E4		
Conjugate:	Biotin		
Formulation:	Liquid in PBS with 1% BSA and 0.09% Sodium Azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Ion exchange chromatography		
Applications:	ELISA / ELISPOT: 0.05-0.5 µg/ml		
Application Notes:	ELISA Detection Antibody. This Antibody can be used as Detection Ab in a human IL-6 sandwich immunoassay to detect human IL-6 in combination with human IL-6 Capture Antibody (Cat No. CDM402). The suggested coating concentration range below should be optimized by each laboratory for each application.		
Storage & Stability:	Store at 2-4°C. For longer storage, aliquot and freeze at -20°C. Avoid repeated freeze-thaw cycles.		

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

