

IL6

Mouse Anti-Human IL-6 Clone B-E8 Azide Free Capture mAb

Catalog No.	CDM402	Quantity:	1.0 mg
Alternate Names:	CDF; HGF; HSF; BSF2; IL-6; BSF-2; IFNB2; IFN-beta-2		
Description:	Mouse Anti-Human IL-6 Clone B-E8 Azide Free Capture mAb Background: Interleukin 6 is a cytokine that functions in inflammation and the maturation of B cells. In addition, the encoded protein 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 functioning of this gene is implicated in a wide variety of inflammation-associated disease states, including susceptibility to diabetes mellitus and systemic juvenile rheumatoid arthritis. Alternative splicing results in multiple transcript variants.		
Concentration:	1.0 mg / 1.0 ml		
Gene ID:	3569		
Conjugate:	Unconjugated		
Specificity:	Recognizes both natural and recombinant IL-6		
Host:	Mouse		
Immunogen:	Recombinant human IL-6		
Isotype:	IgG1		
Clone:	B-E8		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Formulation:	Phosphate-buffered saline. Sterile-filtered through 0.22 μ m. Carrier and Preservative free. Treated to remove endotoxins.		
Purification:	Ion exchange chromatography		
Applications:	ELISA Capture Antibody. This antibody can be used as Capture Antibody in a human IL-6 sandwich immunoassay to detect human IL-6 in combination with biotinylated human IL-6 Detection Antibody (Cat No CDM426). The suggested coating concentration range below should be optimized by each laboratory for each application.		
Application Notes:	ELISA: 0.5-2.5 μ g/ml ELISPOT: 5-10 μ g/ml		
Storage & Stability:	Store at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

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