

TNF

Mouse Anti-Human TNF-alpha Clone B-F7 Azide Free Capture mAb

Catalog No.	CDM412	Quantity:	1 mg
Alternate Names:	DIF, TNF-alpha, TNFA, TNFSF2		
Description:	Mouse Anti-Human TNF-alpha Clone B-F7 Azide Free Capture mAb Background: TNF-alpha is a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily and is mainly secreted by macrophages. It can bind to and functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. It is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. TNF-alpha has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, and cancer.		
Concentration:	1.0 mg / 1.0 ml		
Gene ID:	7124		
Conjugate:	Unconjugated		
Specificity:	Recognizes both natural and recombinant TNF-alpha.		
Host:	Mouse		
Immunogen:	Recombinant human TNF-alpha		
Isotype:	IgG1		
Clone:	B-F7		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Formulation:	Phosphate-buffered saline. Sterile-filtered through 0.22 µm. Carrier and Preservative free.		
Purification:	Ion exchange chromatography		
Applications:	ELISA Capture Antibody. This antibody can be used as a Capture Antibody in a human TNF-alpha sandwich immunoassay to detect human TNF-alpha in combination with biotinylated human TNF-a Detection Antibody (Cat No CDM436). The suggested coating concentration range below should be optimized by each laboratory for each application.		
Application Notes:	ELISA: 1 - 10 µg/ml ELISPOT: 5 - 10 µg/ml		
Storage & Stability:	Store at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

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

