

TNF

Mouse Anti-Human TNF-alpha Clone B-C7 mAb

Catalog No.	CMT141	Quantity:	0.5 mg
Alternate Names:	DADB-70P7.1, DIF, TNF-alpha, TNFA, TNFSF2, tumor necrosis factor, TNF-a, cachectin, APC1 protein, TNF, monocyte-derived, TNF, macrophage-derived, TNF superfamily, member 2, tumor necrosis factor alpha, tumor necrosis factor ligand superfamily member 2		
Description:	Mouse Monoclonal Antibody against Human TNF-alpha, Clone B-C7. TNF-alpha is a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. It has also been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, and cancer. This mAb was produced <i>in vitro</i> using serum free medium.		
Gene ID:	7124		
Specificity:	Blocks TNF- α -induced cytotoxicity on U937 cells. Neutralizes both natural and recombinant human TNF- α and recognizes TNF- α bound to its receptor. The antibody does not bind to rodent TNF- α .		
Sterility:	Membrane filtered (0.2 μ m).		
Quantitation:	Antibody concentration was determined by absorbance, taking A280=1.4 for a 1 mg/ml solution.		
Isotype:	Mouse IgG1		
Clone:	B-C7		
Formulation:	Lyophilized from a solution of 0.5 ml PBS + 125 mM trehalose.		
Purification:	Ion exchange chromatography.		
Reconstitution:	Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water.		
Applications:	ELISA system <i>In vitro</i> neutralization		
Storage & Stability:	Lyophilized product is stable for at least one year at 4°C (expiration date is indicated on the vial). After reconstitution, the contents can be safely stored at 4°C for one month or for one year at -20°C. Add 0.02% sodium azide to prevent bacterial growth. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		

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

