

TNF

Mouse Anti-Human TNF- α (Clone B-F7) Azide Free mAb

Catalog No.	CDM287A CDM287B CDM287C	Quantity:	200 μ g 500 μ g 1.0 mg
Alternate Names:	Tumor necrosis factor, Cachectin, TNF-alpha, Tumor necrosis factor ligand superfamily member 2		
Description:	The monoclonal antibody recognizes TNF- α , a multifunctional proinflammatory cytokine that belongs to the TNF superfamily and is mainly secreted by macrophages. TNF- α 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.		
UniProt ID:	P01375		
Gene ID:	7124		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes both native and recombinant human TNF- α .		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Isotype:	Mouse IgG1k		
Immunogen:	Recombinant human TNF- α		
Clone:	B-F7		
Formulation:	Sterile-filtered PBS, carrier and preservative free.		
Purification:	Affinity chromatography & Ion exchange chromatography		
Applications:	ELISA, ELISPOT		
Application Notes:	ELISA: Use as a Capture Antibody at 1 - 10 μ g/ml in a human TNF-alpha sandwich ELISA in combination with biotinylated human TNF-alpha Detection Antibody (Cat No CDM436). The optimal coating concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8°C for up to 1 year. DO NOT FREEZE.		

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