

TNF

Mouse Anti-Human TNF- α (Clone B-C7) mAb, Azide Free

Catalog No.	CDM276A CDM276B	Quantity:	200 μ g 500 μ g
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/ TNFBR. 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 IgG1 kappa light chain		
Immunogen:	Recombinant human TNF- α		
Clone:	B-C7		
Formulation:	Sterile filtered PBS, treated to remove endotoxins. Carrier and preservative free.		
Purification:	Ion exchange chromatography		
Biological Activity:	Inhibits TNF- α induced cytotoxicity on U937 cells. Recognizes TNF- α bound on its receptor.		
Applications:	Functional Studies, ELISA, ELISpot, IHC		
Storage & Stability:	Stable at 2-8°C for up to 12 months. DO NOT FREEZE.		

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