

TNF

Mouse Anti-Human TNF-alpha Clone T1 Biotin mAb

Catalog No.	MON9068B	Quantity:	50 µg
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:	The antibody reacts with free soluble (17 kDa) and membrane (26 kDa) human TNF-α. The antibody inhibits the biological activity of both forms. It does not react with receptor bound TNF-α. It can be a useful tool to discriminate between the membrane form of TNF expressed on producer cells and the proteolytically cleaved, soluble TNF-α bound to its cognate cell membrane receptors (TNF-RI and TNF-RII). For this purpose we recommend to use this antibody in combination with the anti-TNF-α antibody MON9067, which recognizes soluble, membrane and receptor bound TNF-α.		
Gene ID:	7124		
Host:	Mouse		
Isotype:	IgG1		
Clone:	T1		
Formulation:	0.5 ml (100 µg/ml) 0.2 µm filtered biotinylated antibody solution in PBS, containing 0.02% sodium azide and 0.1% bovine serum albumin. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	The antibody is useful for inhibition of the biological activity of TNF-α. The antibody is also useful for immuno precipitation, immuno assays, flow cytometry and Western blotting.		
Application Notes:	For flow cytometry and Western blotting dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10. For neutralization of biological activity in vitro dilutions have to be made according to the amounts of TNF-α to be inactivated. Before use in biological assays, the product must be filter sterilized and depending on the concentration to be used dialyzed against culture medium to remove the sodium azide added. Please inquire for availability of azide free solutions.		
Storage & Stability:	Product should be stored at 4°C. Under recommended storage conditions, product is stable for one year.		
Related Products:	MON 9068 Monoclonal antibody against Human TNF-α, clone T1; 0.5 ml (100 µg/ml)		

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