

TNF

Mouse Anti-Monkey TNF-alpha (Clone QS-Tc) mAb

Catalog No.	CMM510	Quantity:	500 µg
Alternate Names:	Tumor necrosis factor, TNF-a, TNF-alpha, TNFA, TNFSF2		
Description:	The monoclonal antibody recognizes Rhesus macaque TNF- α , a multifunctional pro-inflammatory cytokine mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR2. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation.		
UniProt ID (target):	P48094		
Specificity:	Binds with high efficiency to native rhesus macaque TNF- α .		
Concentration:	1.0 mg/ml antibody, prior to lyophilization		
Source:	Produced <i>in vitro</i> using serum free medium.		
Isotype:	Mouse IgG1		
Clone:	QS-Tc		
Formulation:	Lyophilized from sterile filtered (0.2 µm) solution in 0.5 ml PBS containing 125 mM Trehalose.		
Purification:	Ion exchange chromatography		
Reconstitution:	Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water.		
Cross-Reactivity:	Human TNF- α . The antibody does not bind to rodent TNF- α .		
Applications:	Coating antibody in ELISA and ELISPOT systems. May be used for Intracellular staining.		
Storage & Stability:	Product is stable as supplied for up to 1 year at 2-8°C. Add 0.02% sodium azide to prevent bacterial growth.		

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