

Anti-Mouse Tumor Necrosis Factor alpha (TNF- α) Polyclonal Antibody Affinity Purified

Catalog No.	CPT105	Quantity:	500 μ g
Isotype:	Rabbit Ig		
Antigen used for Immunization:	Recombinant mouse TNF- α (E. coli-derived).		
Purification:	Antibodies were sequentially purified by ammonium sulphate precipitation and protein A-affinity chromatography.		
Format:	Lyophilized and vacuum-packed.		
Buffer:	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.		
Specificity:	Binds with high affinity to and efficiently neutralizes both natural and recombinant mouse TNF- α . High degree of cross-neutralizing activity with rat TNF- α .		
Activity:	$\geq 10^5$ neutralizing units/mg protein.		
Neutralizing Unit:	The neutralizing capacity was determined in a cytotoxic bioassay assuming that one unit of rat TNF- α bioactivity corresponds with 50 pg of rat TNF- α protein.		
Sterility:	Membrane filtered (0.2 μ m).		
Reconstitution:	Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water.		
Stability:	Lyophilized product is stable for at least one year at 4°C. After reconstitution, the contents can be safely stored at 4°C for one month or for one year at -20°C. Add 0.02% sodiumazide to prevent bacterial growth.		
Quantitation:	The concentration of protein was determined by the Bio-Rad protein assay using bovine IgG as a standard.		
Applications:	<ul style="list-style-type: none">• Coating antibody in ELISA systems• In vitro neutralization• Western blot analysis		

Please note: always centrifuge vials before opening.

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

