

Anti-Human Tumor Necrosis Factor alpha (TNF- α) Polyclonal Antibody

Catalog No:	CPT101
Size:	500 μ g
Concentration:	0.5 mg/0.5 mL
Formulation:	Rabbit polyclonal antibodies in phosphate buffered saline, pH 7.2. Carrier and preservative-free. 0.22 micron sterile filtered.
Endotoxin:	Endotoxin level 0.1 ng/ μ g of protein.
Purity:	>95% as determined by SDS-PAGE analysis.
Immunogen:	Purified recombinant human TNF-alpha.
Neutralizing Units:	1 μ g of the antibody will neutralize 6 ng of protein in a cytotoxicity assay.
Applications:	Suitable for use in Western blot analysis, neutralization studies and ELISA.
Recommended Dilutions:	Centrifuge vial briefly before opening to bring contents to bottom of vial. For Western blotting applications we recommend that the antibody be used at a 1:1000 dilution. For ELISA applications, dilute this preparation to a concentration of 1-5 μ g/mL, and use 100 μ L to coat each well of a microtiter plate. A general ELISA protocol is available upon request. Alternatively, the antibody may be diluted in buffered solution with carrier protein, such as phosphate buffered saline supplemented with 0.1-1.0% bovine serum albumin. The optimal antibody concentration should be determined for each specific application.
Storage:	Store at 2-8°C for up to one month. For long term storage, aliquot into small volumes and store below -20°C. Avoid repeated freeze-thaw cycles to prevent denaturing the antibody.
References:	<ol style="list-style-type: none">1) Kinter, A.L., G. Poli, L. Fox, E. Hardy, and A.S. Fauci (1995) HIV replication in IL-2-stimulated peripheral blood mononuclear cells is driven in an autocrine/paracrine manner by endogenous cytokines. <i>J. Immunol.</i> 154(5):2448-59.2) Eckmann, L., J. Fierer, and M.F. Kagnoff (1996) Genetically resistant (Ityr) and susceptible (Itys) congenic mouse strains show similar cytokine responses following infection with <i>Salmonella dublin</i>. <i>J. Immunol.</i> 156(8):2894-900.

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



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