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Data sheet

Monoclonal antibody to human tumor necrosis factor alpha (TNF- α)

Cat. No.	CT271
Clone	B-C7
Isotype	Mouse IgG ₁ , κ
Immunogen	Recombinant human TNF- α
Production	<i>In vitro</i> using serum free medium
Purification	Ion exchange chromatography
Packaging	Lyophilized and vacuum-packed
Contents	0.5 mg/vial
Buffer	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.
Specificity	Blocks TNF- α -induced cytotoxicity on U937 cells. Neutralizes both natural and recombinant human TNF- α and recognizes TNF- α bound to its receptor. The antibody does not bind to rodent TNF- α .
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 2 to 8°C (expiry date is indicated on the vial). After reconstitution, the contents can be safely stored at 2 to 8°C for one month or for one year at -32 to -18°C. Add 0.02% sodium azide to prevent bacterial growth.
Quantitation	Antibody concentration was determined by absorbance, taking A ₂₈₀ =1.4 for a 1 mg/ml solution.
Application:	ELISA <i>In vitro</i> neutralization

