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Data sheet

Monoclonal antibody to human interleukin 6 (IL-6)

Cat. No.	CT272
Clone	UC-6
Isotype	Mouse IgG ₁
Immunogen	Recombinant human IL-6 (<i>E. coli</i> -derived)
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	Binds with similar affinity to natural and recombinant human IL-6. Shows full cross-reactivity with IL-6 from several Old World monkeys.
Sterility	Membrane filtered (0.2 µm)
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

