

Data sheet Polyclonal antibody to human interleukin 6 (IL-6)

Cat. No.:	CT283
Isotype:	Goat Ig
Antigen:	For immunization recombinant human IL-6 (<i>E. coli</i> -derived) is used.
Purification:	Antibodies were sequentially purified by ammonium sulphate precipitation and protein A-affinity 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 high affinity to and neutralizes both natural and recombinant human IL-6. The bioactivity of 67 pg/ml recombinant human IL-6 is neutralized (>95%) by 40 pg/ml antibody as tested in a proliferation assay using hybridoma cell line 7TD1.
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 4°C (expiry date is indicated on the vial). 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:	Antibody concentration was determined by absorbance, taking $A_{280}/1.4$ for a 1 mg/ml solution.
Application:	ELISA <i>In vitro</i> neutralization Western blot analysis



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