

Data sheet Polyclonal antibody to human interleukin 12p70 (IL-12p70)

Cat. No.:	CT273
Isotype:	Rabbit Ig
Antigen:	For immunization recombinant human IL-12p70 (CHO-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:	Neutralizes both natural and recombinant human and Old World monkey IL-12 and IL-23.
Activity:	8×10^3 neutralizing units/mg protein.
Neutralizing unit:	One neutralizing unit is defined as the amount of IgG sufficient for a 50% inhibition of IFN- γ synthesis by human PBMC (2×10^5 cells/well) stimulated with 1 ng human IL-12.
Endotoxin level:	115 pg/ml (LAL test).
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 (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 A280=1.4 for a 1 mg/ml solution.
Application:	<i>In vitro</i> neutralization Western blot analysis
References:	van Beelen, A.J. <i>et al.</i> 2007. Immunity 27: 660-669 de Jong, E.C. <i>et al.</i> 2002. J. Immunol. 168: 1704-1709 Kapitein, B. <i>et al.</i> 2006. Clin. Exp. Immunol. 147: 352-358 Smits, H.H. <i>et al.</i> 2001. Eur. J. Immunol. 31: 1055-1065

