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Data sheet	Polyclonal antibody to human interleukin 12p70 (IL-12p70)
Cat. No.	CT273
Isotype	Rabbit Ig
Immunogen	Recombinant human IL-12p70 (CHO-derived)
Purification	Protein A affinity chromatography
Packaging	Lyophilized and vacuum-packed
Content:	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 x 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 (2x10 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 ≥ 1 year at 2-8°C (see vial for expiry). After reconstitution, store at 2-8°C for up to one month if sterile. For long-term use, aliquot the solution and freeze at -32 to -18°C (stable ≥ 1 year). Add 0.02% sodium azide 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

