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<b>Data sheet</b>	<b>Polyclonal antibody to human interleukin 12p70 (IL-12p70)</b>
<b>Cat. No.</b>	<b>CT273</b>
<b>Isotype</b>	Rabbit Ig
<b>Immunogen</b>	Recombinant human IL-12p70 (CHO-derived)
<b>Purification</b>	Antibodies were sequentially purified by ammonium sulphate precipitation and protein A-affinity chromatography.
<b>Packaging</b>	Lyophilized and vacuum-packed
<b>Content:</b>	0.5 mg/vial
<b>Buffer</b>	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.
<b>Specificity</b>	Neutralizes both natural and recombinant human and Old World monkey IL-12 and IL-23.
<b>Activity</b>	8 x 10 <sup>3</sup> neutralizing units/mg protein.
<b>Neutralizing unit</b>	One neutralizing unit is defined as the amount of IgG sufficient for a 50% inhibition of IFN- $\gamma$ synthesis by human PBMC (2x10 <sup>5</sup> cells/well) stimulated with 1 ng human IL-12.
<b>Endotoxin level</b>	115 pg/ml (LAL test)
<b>Sterility</b>	Membrane filtered (0.2 $\mu$ m)
<b>Reconstitution</b>	Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water
<b>Stability</b>	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% sodium azide to prevent bacterial growth.
<b>Quantitation</b>	Antibody concentration was determined by absorbance, taking A <sub>280</sub> =1.4 for a 1 mg/ml solution.
<b>Application</b>	<i>In vitro</i> neutralization Western blot analysis

References can be found in the Reference Database at [www.ucytech.com/references](http://www.ucytech.com/references).

