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Data sheet	Monoclonal antibody to human interleukin 12p70 (IL-12p70)
Cat. No.	CT222
Clone	20C2
Isotype	Rat IgG ₁
Immunogen	Human IL-12
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 high affinity to and neutralizes the human IL-12p70 heterodimer, but shows no reactivity with the p35 or p40 monomer.
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	Coating antibody in ELISA and ELISPOT assays <i>In vitro</i> neutralization

