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Data sheet

Monoclonal antibody to human interleukin (IL) 12 / IL-23 p40 (IL-12/IL-23 p40)

Cat. No	CT257
Clone	B-P24
Isotype	Mouse IgG ₁ , κ
Immunogen	Recombinant 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 both natural and recombinant human IL-12 (p35/p40) and IL-23 (p19/p40) heterodimers via the p40 subunit <i>in vitro</i> . Blocks IL-12 induced proliferation of PHA and IL-2 activated lymphocytes.
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 printed 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	ELISA and ELISPOT assays Intracellular staining <i>In vitro</i> neutralization

