

U-CyTech BV
Yalelaan 48
3584 CM Utrecht
The Netherlands
P +31.30.253 5960
F +31.30.253 9344
INFO@ucytech.com
www.ucytech.com

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

Cat. No.:	CT257
Clone:	B-P24
Isotype:	Mouse IgG ₁
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 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:	Coating antibody in ELISA and ELISPOT systems Intracellular staining <i>In vitro</i> neutralization
References:	Hessle, C. <i>et al.</i> 2000. Infect. Immun. 68: 3581-3586 Nagai, T. <i>et al.</i> 2003. 171: 5233-5243 Yawalkar, N. <i>et al.</i> 2000. Allergy Clin. Immunol. 106: 941-947

