

**U-CyTech B.V.**  
Yalelaan 48  
3584 CM Utrecht  
The Netherlands  
+31 85 073 1460  
info@ucytech.com  
www.ucytech.com

<b>Data sheet</b>	<b>Monoclonal antibody to monkey interleukin (IL) 12 / IL-23 p40 (IL-12/IL-23 p40)</b>
<b>Cat. No</b>	<b>CT116</b>
<b>Clone</b>	QS-23
<b>Isotype</b>	Mouse IgG <sub>1</sub> , κ
<b>Immunogen</b>	Recombinant human IL-12
<b>Production</b>	<i>In vitro</i> using serum free medium
<b>Purification</b>	Ion exchange chromatography
<b>Packaging</b>	Lyophilized and vacuum-packed
<b>Contents</b>	0.5 mg/vial
<b>Buffer</b>	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.
<b>Specificity</b>	Binds both natural and recombinant IL-12 (p35/p40) and IL-23 (p19/p40) heterodimers via the p40 subunit <i>in vitro</i> . Natural IL-12/IL-23 p40 from rhesus macaques, cynomolgus monkeys, pig-tailed macaques, baboons, African green monkeys binds with high efficiency.
<b>Sterility</b>	Membrane filtered (0.2 µm)
<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 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.
<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>	ELISA and ELISPOT assays Intracellular staining <i>In vitro</i> neutralization

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

