

## Data sheet    Monoclonal antibody to monkey interleukin 4 (IL-4)

<b>Cat. No.:</b>	<b>CT103</b>
<b>Clone:</b>	QS-4
<b>Isotype:</b>	Mouse IgG <sub>1</sub>
<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 with high efficiency to natural rhesus macaque, cynomolgus monkey, pig-tailed macaque, barbary macaque, baboon and African green monkey IL-4. Efficiently inhibits IL-4 induced IgE production and IL-4 induced T cell proliferation.
<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 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.
<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>	Coating antibody in ELISA and ELISPOT systems Immunohistochemistry <i>In vitro</i> neutralization
<b>References:</b>	De Swart, R.L. <i>et al.</i> 2002. J. Virology 76: 11561-11569 Fallon, P.G. <i>et al.</i> 2003. J. Infect. Diseases 187: 939-945 Van der Meide, P.H. <i>et al.</i> 2002. Vaccine 20: 2296-2302

