

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

Cat. No.:	CT103
Clone:	QS-4
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 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.
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 A ₂₈₀ =1.4 for a 1 mg/ml solution.
Application:	Coating antibody in ELISA and ELISPOT systems Immunohistochemistry <i>In vitro</i> neutralization
References:	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

