

Data sheet Monoclonal antibody to rat IL-4

Cat. No.:	CT029
Clone:	OX-81
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:	Neutralizes both natural and recombinant rat IL-4 <i>in vitro</i> and <i>in vivo</i> .
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 at least six months 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:	ELISA ELISPOT <i>In vitro</i> and <i>in vivo</i> neutralization Intracellular staining
References:	Ramirez, F. <i>et al.</i> 1996. J. Immunol. 156: 2406-2412 Tran, G.T. <i>et al.</i> 2001. Int. Immunol. 13: 1109-1120 Uchikawa, R. 2000. Infect. Immun. 68: 6233-6239

