

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

Cat. No.:	CT324
Clone:	11B11
Isotype:	Rat IgG <sub>1</sub>
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 affinity to and neutralizes both natural and recombinant mouse IL-4.
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:	ELISA and ELISPOT systems <i>In vitro</i> neutralization Intracellular staining Western blot analysis
References:	Haak-Frendscho, M. <i>et al.</i> 1992. J. Immunol. 148: 3978 Hammond, K.J. <i>et al.</i> 1998. J. Exp. Med. 187: 1047-1056 Ohara, J. <i>et al.</i> 1985. Nature 315: 333



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