

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

Cat. No.:	CT337
Clone:	BVD6-24G2
Isotype:	Rat IgG ₁
Immunogen:	Recombinant mouse IL-4 (<i>E. coli</i>)
Production:	<i>In vitro</i> using Hybridoma-SFM medium
Purification:	Protein G affinity chromatography.
Packaging:	Lyophilized and vacuum-packed.
Contents:	0.5 mg/vial
Buffer:	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.
Specificity:	Binds both natural and recombinant mouse IL-4. This is a non-neutralizing antibody.
Endotoxin:	< 2.0 EU/mg.
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 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:	ELISA FACS
References:	Bogen, S.A. <i>et al.</i> 1993. <i>J. Immunol.</i> 150: 4197-4205 Chatelain, R. <i>et al.</i> 1992. <i>J. Immunol.</i> 148: 1182-1187 Sander, B. <i>et al.</i> 1993. <i>J. Immunol. Methods</i> 166: 201-214 Shirai, A. <i>et al.</i> 1994. <i>Cytokine</i> 6: 329-336

