

Data sheet Monoclonal antibody to mouse interleukin 2 (IL-2)

Cat. No.:	CT335
Clone:	JES6-1A12
Isotype:	Rat IgG _{2a}
Production:	<i>In vitro</i> using Hybridoma-SFM medium + 1% FCS
Purification:	Protein G 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-2.
Endotoxin:	< 1.3 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 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 <i>In vitro</i> neutralization Intracellular staining Immunoprecipitation
References:	Assenmacher, M. <i>et al.</i> 1998. J. Immunol. 161: 1534-1543 Gorczyński, R.M. <i>et al.</i> 1999. J. Immunol. 163: 1654-1660 Grohmann, U. <i>et al.</i> 1997. J. Immunol. 158: 3593-3602

