

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

Cat. No.:	CT589
Clone:	JES6-5H4
Isotype:	Rat IgG _{2b}
Production:	<i>In vitro</i> using Hybridoma-SFM medium + 1% FCS
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 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 at least 6 months 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 <i>In vitro</i> neutralization Flow cytometry Immunoprecipitation Immunohistochemistry Western blot
References:	Guéry, J.C. <i>et al.</i> 1996. J. Exp. Med. 183: 751-757 Guo, L. <i>et al.</i> 2003. Virology 313: 502-513 Wang, X. <i>et al.</i> 2001. J. Exp. Med. 194: 1069-1080

