

## Data sheet **Monoclonal antibody to mouse interleukin 2 (IL-2) Biotin-labeled**

<b>Cat. No.:</b>	<b>CT588</b>
<b>Clone:</b>	JES6-5H4
<b>Isotype:</b>	Rat IgG <sub>2b</sub>
<b>Production:</b>	<i>In vitro</i> using Hybridoma-SFM medium + 1% FCS
<b>Purification:</b>	Protein G affinity chromatography.
<b>Labeling:</b>	With Biotin-7-NHS (N-hydroxysuccinimide).
<b>Packaging:</b>	Lyophilized and vacuum-packed.
<b>Contents:</b>	0.5 mg/vial
<b>Buffer:</b>	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.
<b>Specificity:</b>	Binds and neutralizes both natural and recombinant mouse IL-2.
<b>Endotoxin:</b>	< 1.3 EU/mg.
<b>Sterility:</b>	Membrane filtered (0.2 µm).
<b>Reconstitution:</b>	Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water.
<b>Stability:</b>	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.
<b>Quantitation:</b>	Antibody concentration was determined by absorbance, taking A <sub>280</sub> =1.4 for a 1 mg/ml solution.
<b>Application:</b>	ELISA
<b>References:</b>	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