

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

| | |
|-----------------|---|
| Cat. No.: | CT588 |
| Clone: | JES6-5H4 |
| Isotype: | Rat IgG _{2b} |
| Production: | <i>In vitro</i> using Hybridoma-SFM medium + 1% FCS |
| Purification: | Protein G affinity chromatography. |
| Labeling: | With Biotin-7-NHS (N-hydroxysuccinimide). |
| 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 |
| 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 |

