

U-CyTech BV
Yalelaan 48
3584 CM Utrecht
The Netherlands
P +31.30.253 5960
F +31.30.253 9344
INFO@ucytech.com
www.ucytech.com

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

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| Cat. No.: | CT336 |
| Clone: | S4B6-1 |
| Isotype: | Rat IgG _{2a} |
| Immunogen: | T cell clone supernatant. |
| Production: | <i>In vitro</i> using serum-free medium. |
| 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: | < 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 six months or for at least 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: | Western blot <i>In vitro</i> neutralization Intracellular staining Immunoprecipitation |
| References: | Assenmacher M. <i>et al.</i> 1998. Eur. J. Immunol. 28: 1534-1543 Chaudhri, G. <i>et al.</i> 2004. PNAS 101: 9057-9062 Cherwinski, H.M. <i>et al.</i> 1987. J. Exp. Med. 166: 1229-1244 Mosmann, T.R. <i>et al.</i> 1990. J. Immunol. 173: 2479-2485 Zurawski, S.M. <i>et al.</i> 1986. J. Immunol. 137: 3354-3360 |

