

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

<b>Cat. No.:</b>	<b>CT336</b>
<b>Clone:</b>	S4B6-1
<b>Isotype:</b>	Rat IgG <sub>2a</sub>
<b>Immunogen:</b>	T cell clone supernatant.
<b>Production:</b>	<i>In vitro</i> using serum-free medium.
<b>Purification:</b>	Protein G chromatography.
<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 with high affinity to and neutralizes both natural and recombinant mouse IL-2.
<b>Endotoxin:</b>	< 2.0 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 six months or for at least one year at -20°C. Add 0.02% sodiumazide to prevent bacterial growth.
<b>Quantitation:</b>	Antibody concentration was determined by absorbance, taking A280=1.4 for a 1 mg/ml solution.
<b>Application:</b>	Western blot <i>In vitro</i> neutralization Intracellular staining Immunoprecipitation
<b>References:</b>	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

