

Data sheet Monoclonal antibody to mouse interleukin 6 (IL-6)

Cat. No.:	CT593
Clone:	MP5-20F3
Isotype:	Rat IgG ₁
Immunogen:	Recombinant mouse IL-6.
Production:	<i>In vitro</i> using Hybridoma-SFM medium + 1% FCS
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-6.
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 for at least six months at 4°C 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 Intracellular staining Western blot
References:	Abrams, J.S. <i>et al.</i> 1992. Immunol. Rev. 127: 5-24 Prussin, C. <i>et al.</i> 1995. J. Immunol. Methods 188: 117-128 Sander, B. <i>et al.</i> 1993. J. Immunol. Methods 166: 201-214 Starnes, H.F. Jr. <i>et al.</i> 1990. J. Immunol. 145: 4185-4191 Suda, T. <i>et al.</i> 1990. Cell Immunol. 129: 228-240

