

Data sheet Monoclonal antibody to monkey CD3

Cat. No.:	CT161
Clone:	FN-18
Isotype:	Mouse IgG ₁
Production:	<i>In vitro</i> using serum free medium.
Purification:	Ion exchange chromatography.
Packaging:	Lyophilized and vacuum-packed.
Contents:	0.5 mg/vial
Buffer:	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.
Specificity:	Rhesus macaque, cynomolgus monkey and baboon.
Antigen:	Rhesus macaque PBLs.
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 one month 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:	Flow cytometry Inhibition of Concanavalin A/PMA induced proliferation (10 µg/ml) Mitogenic studies (1 µg/ml)
References:	Auricchio, L. <i>et al.</i> 2007. <i>Int. J. Cancer</i> 120: 2290-2300 Frost, P.A. <i>et al.</i> 2004. <i>J. Med. Primatol.</i> 33: 197-213 Neville, D.M. <i>et al.</i> 1996. <i>J. Immunotherapy</i> 19: 85-92 Nooij, F.J.M. <i>et al.</i> 1986. <i>Immunology</i> 59: 611-620 Stittelaar, K.J. <i>et al.</i> 2001. <i>Vaccine</i> 19: 3700-3709 Thomas J.M. <i>et al.</i> 1997. <i>Transplantation</i> 64: 124-135 Yoshino, N. <i>et al.</i> 2000. <i>Exp. Anim.</i> 49: 97-110

