

Data sheet **Monoclonal antibody to monkey CD3 FITC-labeled**

Cat. No.:	CT163
Clone:	FN-18
Isotype:	Mouse IgG ₁
Production:	<i>In vitro</i> using serum free medium.
Purification:	Ion exchange chromatography.
Labeling:	With 5(6)-Carboxyfluorescein-N-hydroxysuccinimide ester (FLUOS).
Packaging:	Lyophilized and vacuum-packed.
Contents:	50 µg/vial
Buffer:	Prior to lyophilization: 0.5 ml PBS + 1% BSA + 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. Working dilution: 10x in PBS + 1% BSA.
Stability:	Lyophilized product is, protected from light, 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 when protected from light. For long-term storage, it is recommended to divide the reconstituted product into small aliquotes for single use. These aliquotes are, protected from light, stable for one year at -20 °C. Add 0.02% sodiumazide to prevent bacterial growth.
Quantitation:	Antibody concentration was determined by absorbance, taking A ₂₈₀ =1.4 for a 1 mg/ml solution.
Application:	Flowcytometry (20 to 50 µl per 10 ⁶ cells) Fluorescence microscopy
References:	Frost, P.A. <i>et al.</i> 2004. J. Med. Primatol. 33: 197-213 Neville, D.M. <i>et al.</i> 1996. J. Immunotherapy 19: 85-92 Nooij, F.J.M. <i>et al.</i> 1986. Immunology 59: 611-620 Stittelaar, K.J. <i>et al.</i> 2001. Vaccine 19: 3700-3709 Thomas J.M. <i>et al.</i> 1997. Transplantation 64: 124-135 Yoshino, N. <i>et al.</i> 2000. Exp. Anim. 49: 97-110