



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

Catalog nr.: **CT163**

Clone: FN-18

Isotype: Mouse IgG₁

Production: *In vitro* 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 stable for at least one year at 4°C. 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: The concentration of protein was determined by the Bio-Rad protein assay using bovine IgG as a standard.

Application: Flowcytometry (20 to 50 µl per 10⁶ cells)
Fluorescence microscopy

References: Frost, P.A. *et al.* 2004. J. Med. Primatol. 33: 197
Neville, D.M. *et al.* 1996. J. Immunotherapy 19: 85
Nooij, F.J.M. *et al.* 1986. Immunology 59: 611
Stittelaar, K.J. *et al.* 2001. Vaccine 19: 3700
Thomas J.M. *et al.* 1997. Transplantation 64: 124
Yoshino, N. *et al.* 2000. Exp. Anim. 49: 97

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