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Data sheet

Monoclonal antibody to monkey CD3 Biotin-labeled

Cat. No.	CT162
Clone	FN-18
Isotype	Mouse IgG ₁
Immunogen	Rhesus monkey peripheral blood mononuclear cells
Production	<i>In vitro</i> using serum free medium
Purification	Ion exchange chromatography
Labeling	With biotin (biotinamido hexanoic acid N-hydroxysuccinimide ester)
Packaging	Lyophilized and vacuum-packed
Contents	50 µg/vial (minimal 200 tests)
Buffer	Prior to lyophilization: 0.5 ml PBS + 1% BSA + 125 mM trehalose.
Specificity	Rhesus macaque, cynomolgus monkey and baboon
Sterility	Membrane-filtered (0.2 µm)
Reconstitution	Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water. Working dilution: 100x in PBS + 1% BSA
Stability	Lyophilized product is stable for ≥1 year at 2-8°C (see vial for expiry). After reconstitution, store at 2-8°C for up to one month if sterile. For long-term use, aliquot the solution and freeze at -32 to -18°C (stable ≥1 year). Add 0.02% sodium azide to prevent bacterial growth.
Quantitation	Antibody concentration was determined by absorbance, taking A ₂₈₀ =1.4 for a 1 mg/ml solution.
Application	Flow cytometry Fluorescence microscopy

