

Mouse Anti-Monkey CD3 (Clone FN-18) FITC-labeled mAb

Catalog No.	CMM502	Quantity:	50 µg
Alternate Names:	T-cell surface glycoprotein CD3, T-cell surface antigen T3		
Description:	Mouse Anti-Monkey CD3 Clone FN-18 FITC-labeled monoclonal antibody cross reacts with cynomolgus monkey and baboon CD3. It is useful for flow cytometry and fluorescence microscopy.		
Source:	Produced <i>in vitro</i> using serum free medium.		
Specificity:	Rhesus macaque, cynomolgus monkey and baboon CD3.		
Immunogen:	Rhesus macaque PBLs		
Conjugate:	5(6)-carboxyfluorescein-N-hydroxysuccinimide ester (FLUOS)		
Isotype:	Mouse IgG ₁		
Clone:	FN-18		
Quantitation:	$E^{0.1\%}_{280\text{ nm}} = 1.4$ for a 1 mg/ml solution.		
Formulation:	Lyophilized from sterile-filtered PBS containing 1% BSA and 125 mM Trehalose		
Purification:	Ion exchange chromatography		
Reconstitution:	Centrifuge vial briefly before opening. Reconstitute with 0.5 ml sterile distilled water, containing 0.02% sodium azide to prevent bacterial growth (recommended). Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	Flow cytometry (20 to 50 µl per 10 ⁶ cells) Fluorescence microscopy		
Application Notes:	Working dilution: 10X in PBS, 1% BSA The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Lyophilized product is stable for at least one year at 2-8°C. After reconstitution, the contents can be safely stored at 2-8°C for one month or for one year in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles. PROTECT FROM LIGHT.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.