

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

Catalog No.	CMM500	Quantity:	500 µg
Alternate Names:	T-cell surface glycoprotein CD3, T-cell surface antigen T3		
Description:	Mouse Anti-Monkey CD3 Clone FN-18 monoclonal antibody is able to stimulate rhesus macaque PBMC. This clone cross reacts with cynomolgus monkey and baboon CD3.		
Source:	Produced <i>in vitro</i> using serum free medium.		
Specificity:	Rhesus macaque, cynomolgus monkey and baboon CD3.		
Immunogen:	Rhesus macaque PBLs		
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 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:	Functional Studies Flow Cytometry, Intracellular staining IHC-F		
Application Notes:	Inhibition of Con A or PMA induced proliferation (10 µg/mL) Mitogenic studies (1 µg/mL) 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.		

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