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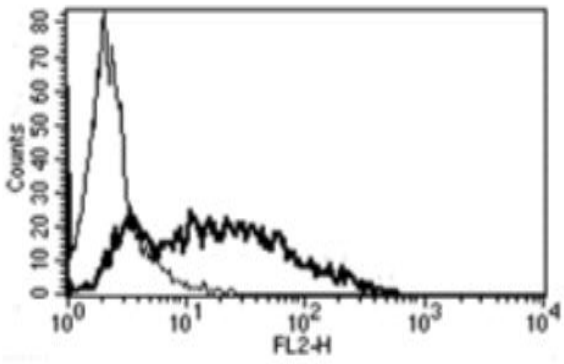
TNF
Mouse Anti-Human TNF-α (Clone B-D9) PE mAb

Catalog No.	CDM278	**Quantity:**	100 tests
Alternate Names:	Tumor necrosis factor; DIF; TNFA; TNFSF2		
Description:	The monoclonal antibody recognizes TNF-α, a multifunctional proinflammatory cytokine that belongs to the TNF superfamily and is mainly secreted by macrophages. TNF-α can bind to and functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/ TNFBR. It is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation.		
Gene ID:	7124		
Conjugate:	PE		
Specificity:	Recognizes both natural and recombinant human TNF-α		
Host:	Mouse		
Isotype:	IgG1		
Immunogen:	Recombinant human TNF-α		
Clone:	B-D9		
Formulation:	Lyophilized from PBS with 5 % BSA and 0.1 % sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Ion exchange chromatography		
Reconstitution:	Reconstitute with 1 ml deionized water.		
Applications:	Intracellular Flow Cytometry		
Application Notes:	Use 10 µl of antibody to label 5 x 10^5 cells. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable at 2-8°C for 6 months after reconstitution. DO NOT FREEZE.		

A typical staining pattern with the B-D9 monoclonal antibody of PMA and ionomycin activated PBL



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