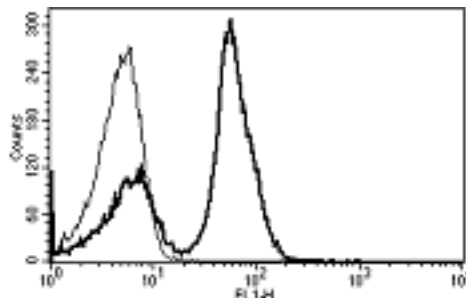


CD28

Mouse Anti-Human CD28 (Clone B-T3) FITC mAb

Catalog No.	CDM172	Quantity:	100 tests
Alternate Names:	Tp44		
Description:	The mouse monoclonal antibody recognizes human CD28, a cell-surface protein essential for T-cell activation. CD28 provides T cells with a "second signal," or co-stimulation, which, along with T cell receptor (TCR) ligation, induces proliferation and survival, and cytokine production. TCR stimulation without co-stimulation results in anergy of the T cell. CD28 interacts with CD80 (B7.1) and CD86 (B7.2), found on antigen presenting cells (APCs).		
Gene ID:	940		
Concentration:	100 tests / ml		
Conjugate:	FITC		
Specificity:	Recognizes CD28 (the B7/BB1 receptor), a 44 kDa protein.		
Host:	Mouse		
Isotype:	IgG2a		
Immunogen:	U266 cell line		
Clone:	B-T3		
Formulation:	Liquid in PBS + 5% BSA + 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		
Applications:	Flow Cytometry		
Application Notes:	Use 10 µl to label 10 ⁶ cells or 100 µl of whole blood. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable at 2-8°C for one year. For longer storage, freeze in aliquots at -20 to -80°C. Avoid repeated freeze-thaw cycles.		

Typical staining pattern of lymphocytes with the B-T3 mAb.



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