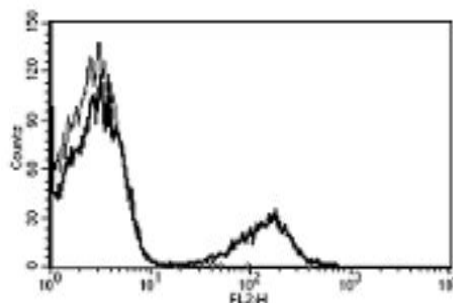


CD19

Mouse Anti-Human CD19 (Clone B-D3) PE mAb

Catalog No.	CDM376	Quantity:	100 tests
Alternate Names:	B4, CVID3		
Description:	The monoclonal antibody recognizes Human CD19. Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. CD19 is a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.		
Gene ID:	930		
Conjugate:	PE		
Specificity:	Recognizes human CD19, a 95 kDa protein		
Host:	Mouse		
Isotype:	IgG1		
Immunogen:	Chronic Lymphoid Leukemia (CLL) cells		
Clone:	B-D3		
Formulation:	Lyophilized in PBS + 5% BSA + 0.09% Sodium Azide. Precaution: Sodium Azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Ion exchange chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute with 1 ml deionized water.		
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 six months after reconstitution. DO NOT FREEZE.		

A typical staining pattern with the B-D3 monoclonal antibody of lymphocytes.



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