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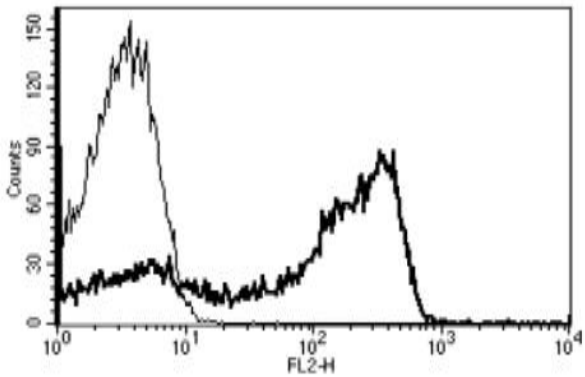
CD2
Mouse Anti-Human CD2/LFA-2 (Clone B-E2) PE mAb

Catalog No.	CDM353	**Quantity:**	100 tests
Alternate Names:	SRBC, T11		
Description:	The monoclonal antibody recognizes human CD2, a surface antigen of the human T-lymphocyte lineage that is expressed on all peripheral blood T cells. It is one of the earliest T-cell markers, being present on more than 95% of thymocytes; it is also found on some natural killer cells but not on B lymphocytes. Monoclonal antibodies directed against CD2 inhibit the formation of rosettes with sheep erythrocytes, indicating that CD2 is the erythrocyte receptor or is closely associated with it.		
Gene ID:	914		
Conjugate:	PE		
Specificity:	Recognizes the human Lymphocyte Function associated Antigen-2 (LFA-2), a 50 kDa protein.		
Host:	Mouse		
Isotype:	IgG2b		
Immunogen:	Human thymocytes		
Clone:	B-E2		
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 sterile 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 6 months after reconstitution. **DO NOT FREEZE.**		

A typical staining pattern of lymphocytes with the anti-human CD2 clone B-E2 monoclonal antibody



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