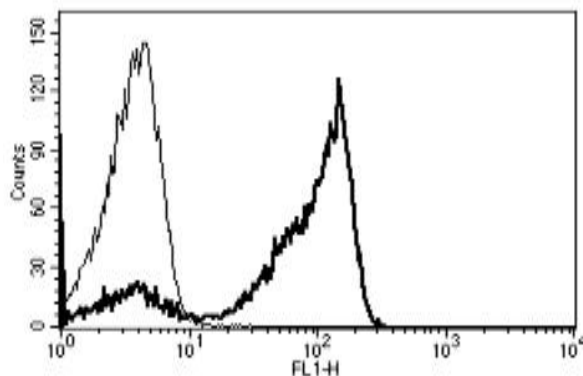


## CD2

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

<b>Catalog No.</b>	CDM025	<b>Quantity:</b>	200 tests
<b>Alternate Names:</b>	SRBC, T11		
<b>Description:</b>	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.		
<b>Concentration:</b>	100 tests/ ml		
<b>Gene ID:</b>	914		
<b>Conjugate:</b>	Unconjugated		
<b>Specificity:</b>	Recognizes the human Lymphocyte Function associated Antigen-2 (LFA-2), a 50 kDa protein.		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG2b		
<b>Immunogen:</b>	Human thymocytes		
<b>Clone:</b>	B-E2		
<b>Formulation:</b>	Liquid in PBS with 1 % BSA and 0.09 % sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff.		
<b>Purification:</b>	Ion exchange chromatography		
<b>Applications:</b>	Flow Cytometry, Immunohistochemistry		
<b>Application Notes:</b>	Use 10 µl to label 10 <sup>6</sup> cells or 100 µl of whole blood. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Stable at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

A typical staining pattern with the B-E2 monoclonal antibody of lymphocytes



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