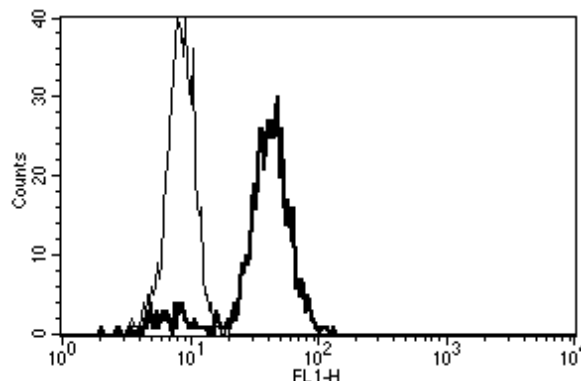


CD86

Mouse Anti-Human CD86/B7-2 (Clone B-T7) FITC mAb

Catalog No.	CDM374	Quantity:	100 tests
Alternate Names:	B-lymphocyte activation antigen, B7-2, B70, CD28LG2, LAB72		
Description:	The mouse monoclonal antibody recognizes human CD86, a immunoglobulin superfamily type I membrane protein expressed by antigen-presenting cells. CD86 the ligand for two proteins at the cell surface of T cells, CD28 antigen and CTLA-4 (cytotoxic T-lymphocyte-associated protein 4). Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with CTLA-4 negatively regulates T-cell activation and diminishes the immune response.		
Gene ID:	942		
Concentration:	100 tests/ml		
Conjugate:	FITC		
Specificity:	Recognizes B7.2, B70 antigen, a 80 kDa protein.		
Host:	Mouse		
Immunogen:	B70 transfected P815 cell line.		
Isotype:	IgG1		
Clone:	B-T7		
Formulation:	Liquid in PBS + 1% BSA + 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
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 1 year. For longer storage, freeze aliquots at -20 to -80°C. Avoid repeated freeze-thaw cycles.		

A typical staining pattern with the B-T7 monoclonal antibody of monocytes.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

