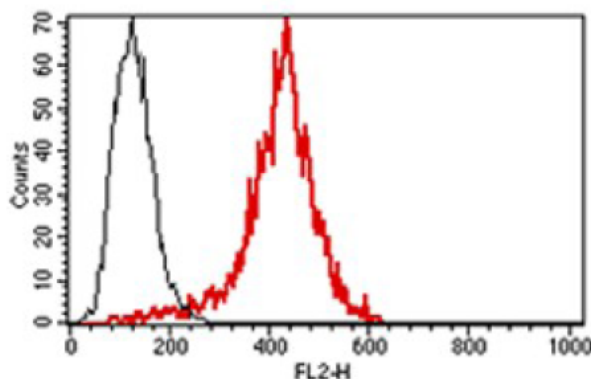


PRF1

Mouse Anti-Human Perforin 1 (Clone B-D48) mAb

Catalog No.	CDM248	Quantity:	200 tests
Alternate Names:	Perforin-1, P1, PRF1, Cytolysin, Lymphocyte pore-forming protein, PFP		
Description:	The monoclonal antibody recognizes human perforin, a protein that has structural and functional similarities to complement component 6, 7, 8 and 9 (C6, C7, C8, C9). Like C9, this protein creates transmembrane tubules and is capable of lysing non-specifically a variety of target cells. This protein is one of the main cytolytic proteins of cytolytic granules, and it is known to be a key effector molecule for T-cell- and natural killer-cell-mediated cytotoxicity.		
Concentration:	200 tests/ 2 ml		
UniProt ID (target):	P14222		
Specificity:	Human Perforin, a 70 kDa protein		
Immunogen:	Native human perforin		
Isotype:	Mouse IgG1 kappa		
Clone:	B-D48		
Formulation:	Sterile filtered PBS with 1% BSA and 0.09% sodium azide		
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 for 1 year at 2-8°C. For longer storage freeze aliquots at -20 to -80°C. Avoid repeated freeze-thaw cycles.		

Flow cytometric analysis of perforin in human YT-Indy cell line with the B-D48 monoclonal antibody



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