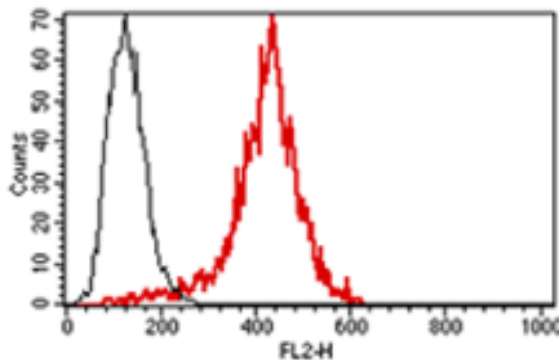


PRF1

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

Catalog No.	CDM247	Quantity:	100 tests
Alternate Names:	Perforin-1, P1, Cytolysin, Lymphocyte pore-forming protein, PFP		
Description:	The monoclonal antibody recognizes human perforin, a protein that creates transmembrane tubules and is capable of non-specifically lysing 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- and natural killer-cell-mediated cytotoxicity.		
UniProt ID:	P14222		
Gene ID:	5551		
Conjugate:	Phycoerythrin, PE		
Specificity:	Human Perforin, a 70 kDa protein		
Host:	Mouse		
Isotype:	IgG1 kappa light chain		
Immunogen:	Native Human Perforin		
Clone:	B-D48		
Formulation:	Lyophilized from PBS containing 5% BSA and 0.09% sodium azide. PPE is recommended when working with products containing sodium azide. □		
Reconstitution:	Centrifuge vial briefly 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 6 months after reconstitution. DO NOT FREEZE.		

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



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Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com