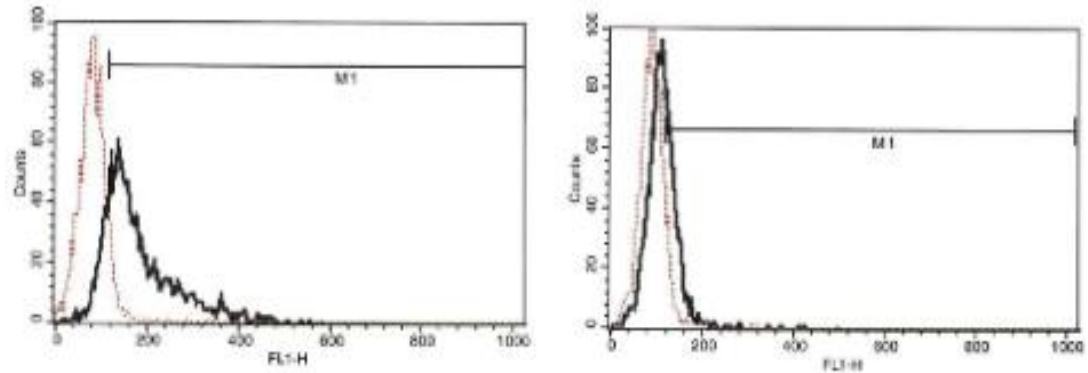


CXCL10

Mouse Anti-Human CXCL10 / IP-10 (Clone B-C50) mAb, Azide free

Catalog No.	CDM083A CDM083B CDM083C	Quantity:	200 µg 500 µg 1.0 mg
Alternate Names:	C-X-C motif chemokine 10, 10 kDa interferon gamma-induced protein, Gamma-IP10, Small-inducible cytokine B10		
Description:	The monoclonal antibody recognizes human CXCL10, a pro-inflammatory cytokine that is involved in a wide variety of processes such as chemotaxis, differentiation, and activation of peripheral immune cells, regulation of cell growth, apoptosis and modulation of angiostatic effects.		
UniProt ID:	P02778		
Gene ID:	3627		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes both native and recombinant human CXCL10		
Immunogen:	Recombinant human CXCL10		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c lymph node cells		
Isotype:	Mouse IgG2a Kappa light chain		
Clone:	B-C50		
Formulation:	Sterile-filtered PBS, carrier and preservative free		
Purification:	Ion exchange and affinity chromatography		
Applications:	<p>Suitable for intra-cytoplasmic flow cytometry.</p> <p>ELISA: Use as a Capture Antibody at 0.1-1.0 µg/ml in a sandwich ELISA in combination with biotinylated human CXCL10 Detection Antibody (Cat No CDM435). The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	<p>Store at 2-8°C for up to 1 year or in working aliquots at -20°C to -80°C.</p> <p>Avoid repeated freeze-thaw cycles.</p>		

U937 cells 3 days after passaging were activated at a concentration of 2×10^5 cells/ml with 100 ng/ml IFN- γ for 20 hours (left) or cultured unactivated as controls (right). Brefaldin A, an intracellular blocking agent, was used at 1 μ g/ml for 4 to 6 hours. Left graph shows activated U937 cells labeled with B-C50. Right graph shows unactivated U937 cells. In each graph, the dotted line represents the IgG2a isotype control (B-Z2).



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