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## CXCL10 Mouse Anti-Human CXCL10/IP-10 Clone B-C50 Azide free mAb

Catalog No.	CDM083	Quantity:	500 µg
Alternate Names:	C7, IFI10, INP10, IP-10, SCYB10, crg-2, gIP-10, mob-1		
Description:	Mouse Anti-Human CXCL10/IP-10 Clone B-C50 Azide Free mAb Background: CXCL10 is a chemokine of the CXC subfamily and a ligand for the receptor CXCR3. Binding of this protein to CXCR3 results in pleiotropic effects, including stimulation of monocytes, natural killer and T-cell migration, and modulation of adhesion molecule expression.		
Gene ID:	3627		
Specificity:	Recognizes both natural and recombinant human IP-10		
Immunogen:	Recombinant human IP-10		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c lymph node cells		
lsotype:	Mouse IgG2a		
Clone:	B-C50		
Formulation:	PBS sterile-filtered through a	0.22 μm filter. Carrier and	preservative free
Purification:	Ion exchange chromatography (and affinity chromatography for certain batches).		
Applications:	FC, ELISA		
Application Notes:	Suitable for intra-cytoplasmic flow cytometry. ELISA: This antibody can be used as a Capture Antibody in a human IP-10 sandwich immunoassay to detect human IP-10 in combination with biotinylated human IP-10 Detection Antibody (Cat No CDM435). ELISA Capture Antibody: 0.1-1.0 µg/ml The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8°C. Stable for 1 year. For longer storage, freeze aliquots.		



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U937 cells 3 days after passaging were activated at a concentration of 2x10<sup>5</sup> 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 μg/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).



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



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