

Product datasheet for **AM31203AF-N**

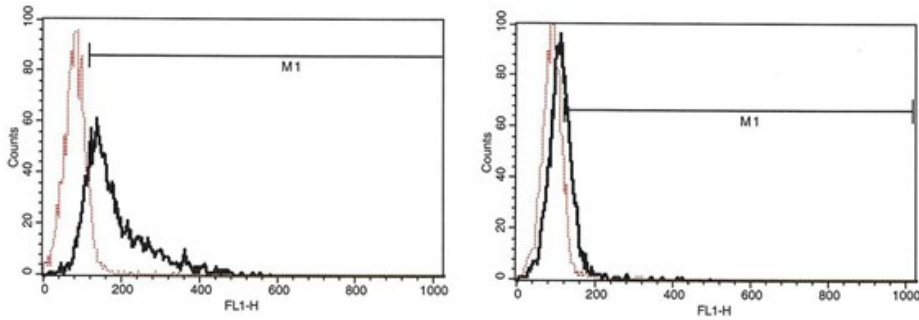
IP10 (CXCL10) Mouse Monoclonal Antibody [Clone ID: B-C50]

Product data:

Product Type:	Primary Antibodies
Clone Name:	B-C50
Applications:	FC
Recommended Dilution:	Intra-Cytoplasmic Flow Cytometry.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant human IP-10
Specificity:	Recognises both natural and recombinant Human IP-10. Other species not tested.
Formulation:	Phosphate-buffered saline. Sterile-filtered through 0.22 µm. Carrier and preservative free State: Azide Free State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Ion Exchange Chromatography (and Affinity Chromatography for certain batches)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-X-C motif chemokine ligand 10
Database Link:	Entrez Gene 3627 Human P02778
Synonyms:	C-X-C motif chemokine 10, Small-inducible cytokine B10, Gamma-IP10, INP10, SCYB10
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Cytosolic DNA-sensing pathway, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway



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Product images:

We used U937 cells 3 days after passaging. Half were activated with IFN-gamma 100ng/ml for 20 hours and half were used as control. Cell concentration at the beginning of activation was 2.105 cells/ml. Brefaldin A was used as an intracellular blocking agent at 1ug/ml, in contact with the cells for 4 to 6 hours. The graph on the left represents activated U937 cells marked with B-C50 and the graph on the right shows B-C50 with non-activated U937 cells. In the two cases, the dotted line represents the IgG2a isotype control (B-Z2).