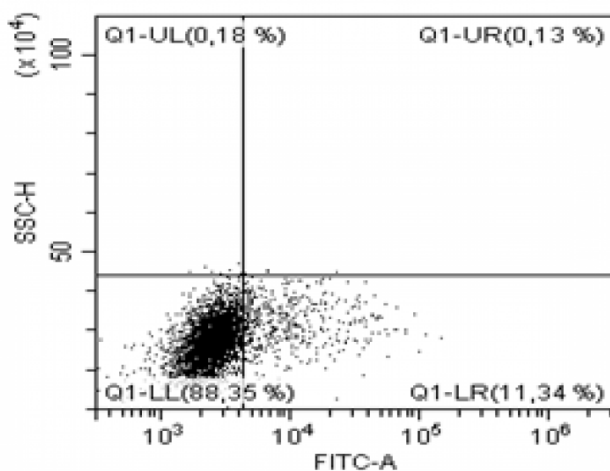


IL4

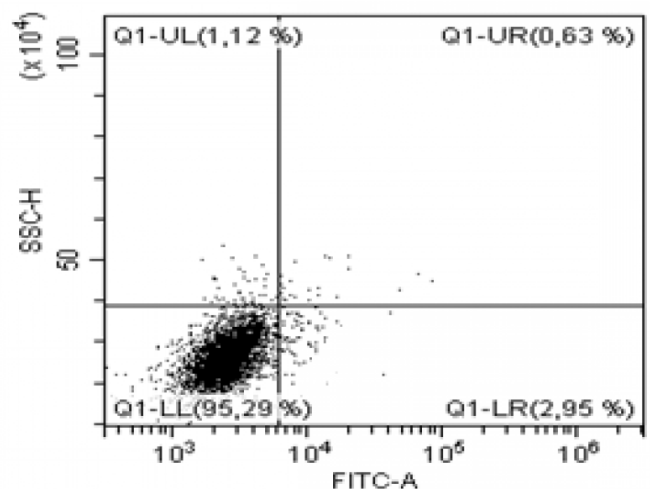
Mouse Anti-Human IL-4 (Clone B-G28) mAb, Azide Free

Catalog No.	CDM279A CDM279B	Quantity:	200 µg 500 µg
Alternate Names:	Interleukin-4, B cell stimulatory factor, BSF-1, Lymphocyte stimulatory factor		
Description:	IL-4 co-stimulates the proliferation of activated B- and T-cells, augments the cytotoxic activity of lymphocytes and monocytes and enhances the functional activity of myeloid cells. Produced by mast cells, T-cells and bone marrow stromal cells, IL-4 regulates the differentiation of naive CD4+ cells into helper Th2 cells characterized by their cytokine secretion-profile that includes secretion of IL-4, IL-5, IL-6, IL-10 and IL-13 which favor a humoral immune response. In addition, IL-4 inhibits the proliferation of TNF, IL-1 and IL-6 by macrophages.		
UniProt ID:	P05112		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes both native and recombinant human IL-4.		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Isotype:	Mouse IgG1k		
Immunogen:	Recombinant human IL-4		
Clone:	B-G28		
Formulation:	Sterile-filtered PBS, carrier and preservative free.		
Applications:	Intracellular Flow Cytometry, ELISA		
Storage & Stability:	Stable at 2-8°C for 1 year. For longer storage, freeze in aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

CD4+ activated by PMA and ionomycine then marked with B-G28 on intracytoplasmic staining



B-G28 with non-activated CD4+



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