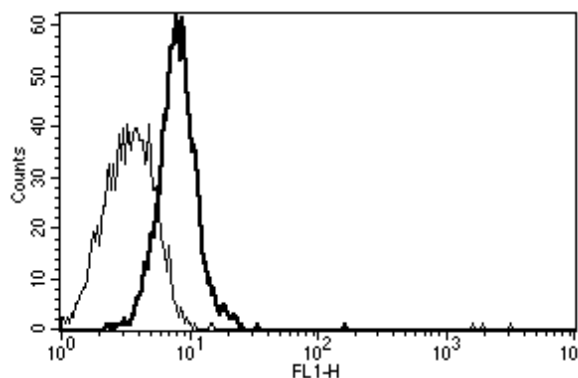


IL6ST

Mouse Anti-Human IL-6ST (Clone B-K5) Azide Free mAb

Catalog No.	CDM015	Quantity:	200 µg
Alternate Names:	IL-6 Signal Transducer, CD130, CDW130, GP130, IL-6RB		
Description:	The monoclonal antibody recognizes human CD130, also known as Interleukin 6 Signal Transducer or gp130. IL-6ST is a signal transducer shared by many cytokines, including interleukin 6 (IL-6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and oncostatin M (OSM). The protein functions as a part of the cytokine receptor complex and its activation is dependent upon the binding of cytokines to their receptors.		
Gene ID:	3572		
Concentration:	1.0 mg/ml		
Conjugate:	Unconjugated		
Specificity:	Recognizes gp130, common subunit for IL-6, IL-11, OSM, LIF, CNTF, CT-1 receptors, a 130-140 kDa protein. Recognizes the soluble antigen.		
Host:	Mouse		
Isotype:	IgG1		
Immunogen:	Natural soluble gp130		
Clone:	B-K5		
Formulation:	Liquid in PBS. Sterile filtered. Carrier and preservative free.		
Purification:	Ion exchange chromatography		
Applications:	Flow Cytometry, Functional Studies		
Application Notes:	Inhibits CNTF activity. Inhibits OSM binding to gp130/IL-6ST. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

A typical staining pattern with the B-K5 monoclonal antibody of Eahy 926 cell line



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