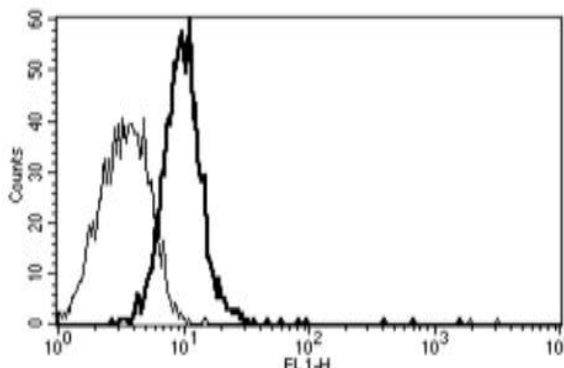


IL6ST

Mouse Anti-Human IL-6ST / CD130 (Clone B-S12) mAb, Azide Free

Catalog No.	CDM019A CDM019B	Quantity:	200 µg 500 µg
Alternate Names:	IL-6 Signal Transducer, IL-6R subunit beta, IL-6RB CD130, CDW130, gp130		
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.		
UniProt ID:	P40189		
Gene ID:	3572		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes gp130, common subunit for IL-6, IL-11, OSM, LIF, CNTF, CT-1 receptors, a 130-140 kDa protein.		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Isotype:	Mouse IgG1 Kappa light chain		
Immunogen:	Native soluble gp130		
Clone:	B-S12		
Formulation:	Sterile-filtered PBS, treated to remove endotoxins. Carrier and preservative free.		
Purification:	Ion exchange chromatography		
Biological Activity:	Activates cells carrying gp130. Induces gp130 activation, Jak 1, Jak 2, Stat 1 and Stat 3 phosphorylation.		
Applications:	Flow Cytometry, Functional Studies, Immunoprecipitation, Western Blot		
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-S12 monoclonal antibody of Eahy 926 cell line



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