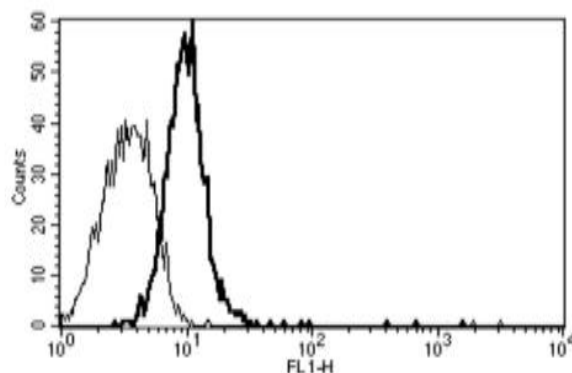


## IL6ST

### Mouse Anti-Human IL-6ST (Clone B-S12) Azide Free mAb

<b>Catalog No.</b>	CDM019	<b>Quantity:</b>	200 µg
<b>Alternate Names:</b>	IL-6 Signal Transducer, CD130, CDW130, GP130, IL-6RB		
<b>Description:</b>	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.		
<b>Gene ID:</b>	3572		
<b>Concentration:</b>	1.0 mg/ml		
<b>Conjugate:</b>	Unconjugated		
<b>Specificity:</b>	Recognizes gp130, common subunit for IL-6, IL-11, OSM, LIF, CNTF, CT-1 receptors, a 130-140 kDa protein. Recognizes the soluble antigen.		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG1		
<b>Immunogen:</b>	Natural soluble gp130		
<b>Clone:</b>	B-S12		
<b>Formulation:</b>	Liquid in PBS. Sterile-filtered and treated to remove endotoxins. Carrier and preservative free.		
<b>Purification:</b>	Ion exchange chromatography		
<b>Applications:</b>	Flow Cytometry, Functional Studies, Immunoprecipitation, Western Blot		
<b>Application Notes:</b>	Activates cells carrying gp130. Induces gp130 activation, Jak 1, Jak 2, Stat 1 and Stat 3 phosphorylation. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C. <b>Avoid repeated freeze-thaw cycles.</b>		

A typical staining pattern with the B-S12 monoclonal antibody of Eahy 926 cell line



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