

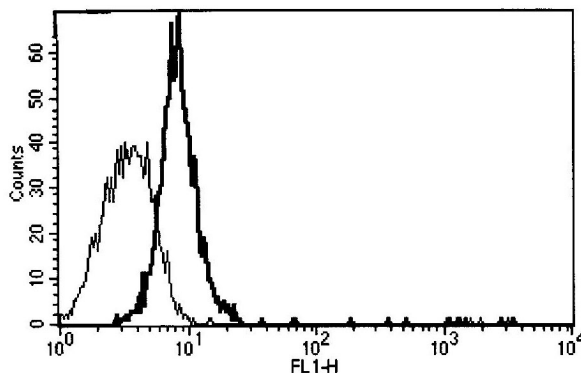
## IL6ST

### Mouse Anti-Human IL-6ST / CD130 (Clone B-P4) mAb, Azide Free

<b>Catalog No.</b>	CDM017A CDM017B CDM017C	<b>Quantity:</b>	200 µg 500 µg 1.0 mg
<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>UniProt ID:</b>	P40189		
<b>Concentration:</b>	1.0 mg/mL		
<b>Specificity:</b>	Recognizes gp130, common subunit for IL-6, IL-11, OSM, LIF, CNTF, CT-1 receptors, a 130-140 kDa protein.		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x Balb/c spleen cells		
<b>Isotype:</b>	Mouse IgG1 Kappa light chain		
<b>Immunogen:</b>	Native soluble gp130		
<b>Clone:</b>	B-P4		
<b>Formulation:</b>	Sterile filtered PBS, carrier and preservative free.		
<b>Biological Activity:</b>	Inhibits IL-11 activity and binding to gp130, but not CNTF, LIF and OSM activities.		
<b>Applications:</b>	Flow Cytometry, Immunoprecipitation, Western Blot, Immunohistochemistry, ELISA, Functional Studies		
<b>Application Notes:</b>	<b>ELISA:</b> Use as a capture antibody at 0.5-5 µg/ml in a human CD130/IL-6ST sandwich ELISA in combination with biotinylated anti-human CD130/IL-6ST Detection Antibody (CDM420). The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for up to one year. For longer storage, store working aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		



A typical staining pattern with the B-P4 monoclonal antibody of Eahy 926 cell line



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



**Cell Sciences®**  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)