

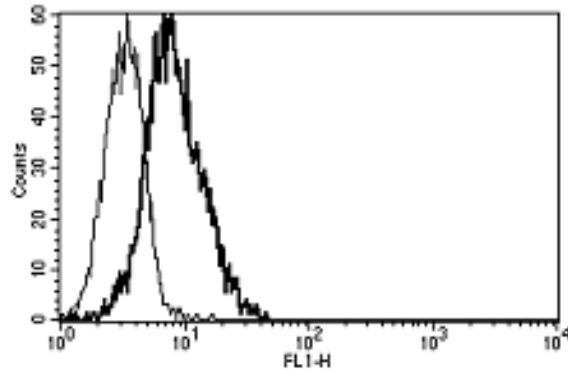
IL6R

Mouse Anti-Human IL-6R (Clone B-F19) Azide free mAb

Catalog No.	CDM009	Quantity:	200 µg
Alternate Names:	IL6R, CD126, IL-6R-1, IL-6R-alpha, IL6RA, gp80		
Description:	The monoclonal antibody recognizes human IL-6 receptor alpha. IL-6 is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in the immune response. The IL-6 receptor is a protein complex consisting of this protein and IL-6 signal transducer (IL6ST/GP130/IL6-beta), a receptor subunit also shared by many other cytokines.		
Gene ID:	3570		
UniProtKB:	P08887		
Concentration:	1.0 mg/mL		
Conjugate:	Unconjugated		
Specificity:	Recognizes soluble and membrane bound IL-6 Receptor alpha subunit, a 80 kDa protein		
Host:	Mouse		
Isotype:	IgG1		
Immunogen:	gp80-transfected CHO cell line		
Clone:	B-F19		
Formulation:	Liquid in PBS, sterile filtered and treated to remove endotoxins. Carrier and preservative free.		
Kd:	0.7 nM		
Applications:	Flow Cytometry, Functional Studies		
Application Notes:	Blocks IL-6 induced proliferation of XG-1 cell line. Blocks IL-6 binding to its receptor. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8 °C for up to one year. For longer storage, aliquot and freeze -20 °C to -80 °C. Avoid repeated freeze-thaw cycles.		

A typical staining pattern with the B-F19 monoclonal antibody of U266 cell line





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