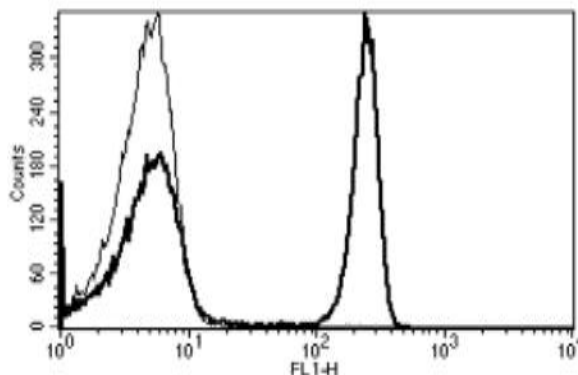


## CD4

### Mouse Anti-Human CD4 (Clone B-A1) Azide Free mAb

<b>Catalog No.</b>	CDM130	<b>Quantity:</b>	200 µg
<b>Alternate Names:</b>	CD4mut, T-cell surface antigen T4/Leu-3		
<b>Description:</b>	The mouse monoclonal antibody recognizes human CD4, a membrane glycoprotein of T lymphocytes that interacts with major histocompatibility complex class II (MHC II) and is also a receptor for the human immunodeficiency virus. This gene is expressed not only in T lymphocytes, but also in B cells, macrophages, and granulocytes. It is also expressed in specific regions of the brain. The protein functions to initiate or augment the early phase of T-cell activation, and may function as an important mediator of indirect neuronal damage in infectious and immune-mediated diseases of the central nervous system.		
<b>Gene ID:</b>	920		
<b>Concentration:</b>	1 mg/ml		
<b>Conjugate:</b>	Unconjugated		
<b>Specificity:</b>	Recognizes a 55 kDa protein.		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG2a		
<b>Immunogen:</b>	Human thymocytes and jurkat cell lines		
<b>Clone:</b>	B-A1		
<b>Formulation:</b>	Liquid in PBS. Sterile-filtered and treated to remove endotoxins. Preservative and carrier-free.		
<b>Biological Activity:</b>	Inhibits mixed lymphocyte reactions. Kd : 0.142 nM		
<b>Applications:</b>	Flow Cytometry, Immunohistochemistry, Functional Assays		
<b>Application Notes:</b>	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 1 year. For longer storage, aliquot and freeze at -20 to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

A typical staining pattern with the Anti-Human CD4 Clone B-A1 monoclonal antibody of lymphocytes



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



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