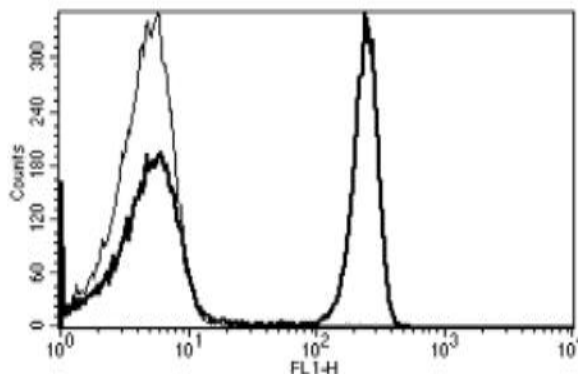


CD4

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

Catalog No.	CDM130A CDM130B	Quantity:	200 µg 500 µg
Alternate Names:	T-cell surface glycoprotein CD4, T-cell surface antigen T4/Leu-3		
Description:	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.		
UniProt ID:	P01730		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes CD4, a 55 kDa protein.		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c spleen cells		
Isotype:	Mouse IgG2a		
Immunogen:	Human thymocytes and Jurkat cell lines		
Clone:	B-A1		
Formulation:	Sterile-filtered PBS, treated to remove endotoxin. Preservative and carrier-free.		
Biological Activity:	Inhibits mixed lymphocyte culture		
Applications:	Flow Cytometry, Immunohistochemistry, Functional Assays		
Storage & Stability:	Stable at 2-8°C for 1 year. For longer storage, freeze in aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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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