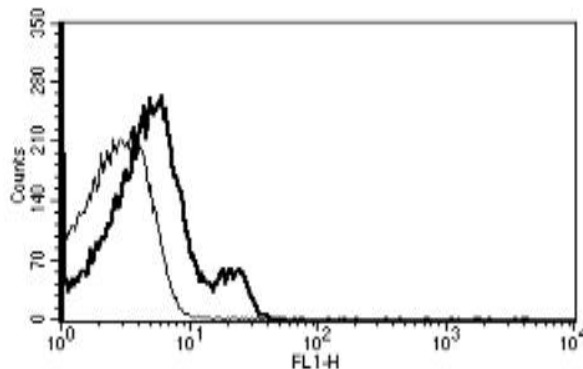


CXCR4

Mouse Anti-Human CXCR4 (Clone B-R24) mAb, Azide Free

Catalog No.	CDM219A CDM219B	Quantity:	200 µg 500 µg
Alternate Names:	C-X-C chemokine receptor type 4, CXC-R4, C-X-C chemokine receptor type 4, LESTR, Lipopolysaccharide-associated protein 3, LAP-3, Stromal cell-derived factor 1 receptor, SDF-1		
Description:	Monoclonal recognizes CXCR4, the receptor for CSCL12/SDF-1 that transduces a signal by increasing intracellular calcium ion levels and enhancing MAPK1/MAPK3 activation. CXCR4 acts as a coreceptor (CD4 being the primary receptor) for human immunodeficiency virus-1/HIV-1 X4 isolates and as a primary receptor for some HIV-2 isolates. Promotes Env-mediated fusion of the virus.		
UniProt ID:	P61073		
Gene ID:	7852		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Specificity:	Recognizes the CXCR4 antigen, a 39.7 kDa protein.		
Immunogen:	CXCR4 transfected CHO cell line		
Isotype:	Mouse IgG _{2a} Kappa light chain		
Clone:	B-R24		
Concentration:	1.0 mg/ml		
Formulation:	Sterile-filtered PBS, treated to remove endotoxins. Carrier and preservative free.		
Purification:	Ion exchange chromatography		
Biological Activity:	Inhibits HIV infection		
Applications:	Flow cytometry, Functional Studies		
Storage & Stability:	Store at 2-8°C for up to 1 year or in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

A typical staining pattern with the B-R24 monoclonal antibody of lymphocytes



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



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