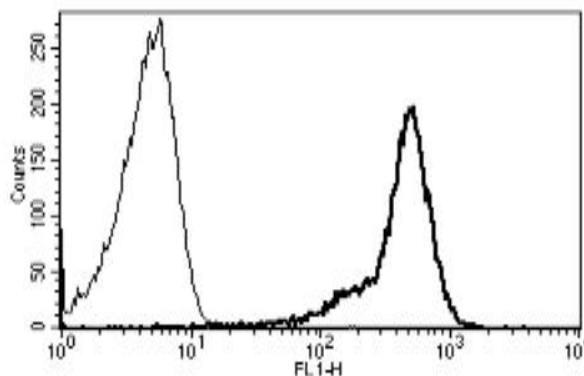


## CD44

### Mouse Anti-Human CD44 (Clone B-F24) mAb, Azide Free

<b>Catalog No.</b>	CDM039A CDM039B	<b>Quantity:</b>	200 µg 500 µg
<b>Alternate Names:</b>	CDw44, Phagocytic glycoprotein I, PGP-1, Extracellular matrix receptor III, ECMR-III, GP90 lymphocyte homing/adhesion receptor, HUTCH-I		
<b>Description:</b>	CD44 is a cell-surface glycoprotein involved in cell-cell interactions, cell adhesion and migration. It is a receptor for Hyaluronic Acid (HA) and can also interact with other ligands, such as Osteopontin, Collagens, and Matrix Metalloproteinases (MMPs). CD44 participates in a wide variety of cellular functions including lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis.		
<b>UnitProt ID:</b>	P16070		
<b>Gene ID:</b>	960		
<b>Concentration:</b>	1.0 mg/ml		
<b>Specificity:</b>	Recognises the Hyaluronate Cell Adhesion Molecule (HCAM), a 85-250 kDa protein. Recognizes the soluble antigen		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x BALB/c spleen cells		
<b>Immunogen:</b>	U937 cell line		
<b>Isotype:</b>	Mouse IgG1		
<b>Clone:</b>	B-F24		
<b>Formulation:</b>	Sterile-filtered PBS, carrier and preservative free.		
<b>Purification:</b>	Ion exchange chromatography		
<b>Biological Activity:</b>	Triggers T lymphocyte aggregation Enhances hyaluronate binding to CD44		
<b>Applications:</b>	Functional studies, Flow cytometry, Immunoprecipitation		
<b>Storage &amp; Stability:</b>	Stable at 2-8°C for 1 year. For longer storage, freeze in aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

A typical staining pattern with the B-F24 monoclonal antibody of lymphocytes



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