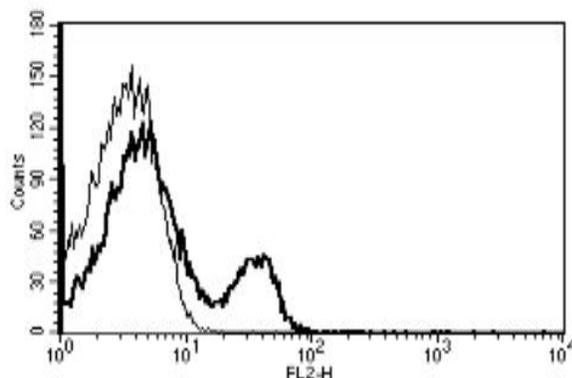


## CD40

### Mouse Anti-Human CD40 (Clone B-B20) Biotin mAb

<b>Catalog No.</b>	CDM182	<b>Quantity:</b>	100 tests
<b>Alternate Names:</b>	Bp50, CDW40, TNFRSF5, p50		
<b>Description:</b>	The mouse monoclonal antibody recognizes human CD40, a member of the TNF-receptor superfamily. CD40 is a receptor on antigen-presenting cells of the immune system and is essential for mediating a broad variety of immune and inflammatory responses including T cell-dependent immunoglobulin class switching, memory B cell development, and germinal center formation.		
<b>Gene ID:</b>	958		
<b>Conjugate:</b>	Biotin		
<b>Specificity:</b>	Recognizes the Bp50 antigen, a 48 kDa protein.		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG1		
<b>Immunogen:</b>	Raji cell line		
<b>Clone:</b>	B-B20		
<b>Formulation:</b>	Lyophilized from PBS + 1% BSA + 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Reconstitution:</b>	Reconstitute in 1 ml deionized water.		
<b>Applications:</b>	Flow Cytometry		
<b>Application Notes:</b>	Use 10 $\mu$ l to label $10^6$ cells or 100 $\mu$ l of whole blood. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Stable at 2-8°C for 6 months after reconstitution. For longer storage, aliquot and store at -20 to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

A typical staining pattern with the B-B20 mAb of lymphocytes



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

