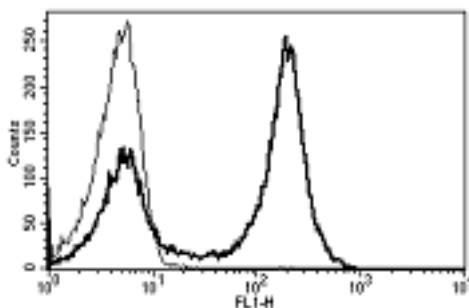


## CD5

### Mouse Anti-Human CD5 (Clone B-B8) FITC mAb

<b>Catalog No.</b>	CDM363	<b>Quantity:</b>	100 tests
<b>Alternate Names:</b>	T1, lymphocyte antigen T1/Leu-1, LEU1, CD5		
<b>Description:</b>	The mouse monoclonal antibody recognizes human CD5, a glycoprotein expressed on thymocytes, T cells and, at lower levels, on the IgM-secreting B-1 subpopulation of B cells. B-1 cells have limited diversity of their B-cell receptor due to their lack of the enzyme terminal deoxynucleotidyl transferase (TdT) and are potentially self-reactive. CD5 is upregulated on T cells upon strong activation. In the thymus, there is a correlation with CD5 expression and strength of the interaction of the T cell towards self-peptides. CD5 binds the C-type lectin, CD72, and modulates signaling through the antigen receptors on T and B cells.		
<b>Gene ID:</b>	921		
<b>Concentration:</b>	100 tests/ml		
<b>Conjugate:</b>	FITC		
<b>Specificity:</b>	Recognizes a 67 kDa protein.		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG1		
<b>Immunogen:</b>	PHA activated T cells		
<b>Clone:</b>	B-B8		
<b>Formulation:</b>	Liquid in 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>Applications:</b>	Flow Cytometry		
<b>Application Notes:</b>	Use 10 µl to label 10 <sup>6</sup> cells or 100 µl of whole blood. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for 1 year. For longer storage, aliquot and freeze at -20 to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

A typical staining pattern of lymphocytes with the B-B8 monoclonal antibody.



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



**Cell Sciences**<sup>®</sup>  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)