

## ITGB2

### Mouse Anti-Human Integrin beta 2/CD18 (Clone MEM48) FITC mAb

<b>Catalog No.</b>	CDM444	<b>Quantity:</b>	100 tests
<b>Alternate Names:</b>	LAD; MF17; MF17; LCAMB; LFA-1; MAC-1		
<b>Description:</b>	The monoclonal antibody recognizes human integrin beta 2/ CD18, an integrin beta chain that combines with multiple different alpha chains to form different integrin heterodimers. Integrins are integral cell-surface proteins that participate in cell adhesion as well as cell-surface mediated signalling. The encoded protein plays an important role in immune response and defects in this gene cause leukocyte adhesion deficiency.		
<b>Gene ID:</b>	3689		
<b>Concentration:</b>	100 tests/ ml		
<b>Conjugate:</b>	FITC		
<b>Specificity:</b>	Recognizes the human CD18 molecule, a 95 kDa integrin molecule (beta-2 integrin) that forms the common beta chain of the CD11/CD18 heterodimer integrins.		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG1		
<b>Immunogen:</b>	Leucocytes from an LGL-type leukemia		
<b>Clone:</b>	MEM48		
<b>Formulation:</b>	Liquid in PBS + 5% 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>	Stable for 1 year at 2-8°C. For longer storage, freeze in working aliquots at -20 to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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

