

ITGB2

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

Catalog No.	CDM446	Quantity:	200 tests
Alternate Names:	LAD; MF17; MFI7; LCAMB; LFA-1; MAC-1		
Description:	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.		
Gene ID:	3689		
Concentration:	100 tests/ ml		
Specificity:	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.		
Host:	Mouse		
Isotype:	IgG1		
Immunogen:	Leucocytes from an LGL-type leukemia		
Clone:	MEM48		
Conjugate:	Unconjugated		
Formulation:	Liquid in PBS + 1% BSA + 0.09% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	Flow Cytometry, Immunohistochemistry		
Application Notes:	Identification of CD18+ leucocytes present on cryostat sections. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable for 1 year at 2-8°C. For longer storage, freeze in working aliquots at -20 to -80°C. Avoid repeated freeze-thaw cycles.		

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

