

ITGB2

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

Catalog No.	CDM443A CDM443B	Quantity:	200 µg 500 µg
Alternate Names:	Integrin beta-2, Cell surface adhesion glycoproteins LFA-1/CR3/p150,95 subunit beta, Complement receptor C3 subunit beta		
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.		
UniProt ID:	P05107		
Gene ID:	3689		
Concentration:	1 mg/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.		
Hybridoma:	Sp 2/0 - Ag 14 myeloma cell line		
Isotype:	Mouse IgG1 Kappa light chain		
Immunogen:	Leucocytes from an LGL-type leukemia		
Clone:	MEM48		
Biological Activity:	Blocks cell-cell interaction in studies on cell-cell adhesion and cell-matrix adhesion.		
Formulation:	Sterile-filtered PBS, treated to remove endotoxins. Carrier and preservative free.		
Applications:	Flow Cytometry, Immunohistochemistry, Functional Studies, Immunoprecipitation , Western Blot		
Application Notes:	Tested for identification of CD18+ leucocytes present on cryostat sections.		
Storage & Stability:	Store at 2-8°C for up to 1 year or in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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

