



	Technical Data Sheet	
Product	Anti-Hu CD18 Biotin	
Cat. Number/Size	1B-216-C025	0.025 mg
	1B-216-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD18	
Clone	MEM-48	
Format	Biotin	
Reactivity	Human	
Negative species	Dog	
Application	FC (QC tested), IP, WB, IHC(P), IHC(F)	
Application details	Flow cytometry: Recommended dilution: 1-3 µg/ml.	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-48 recognizes an extracellular epitope involving residues 534-546 in cysteine-rich repeat 3 of the CD18 antigen (integrin beta2 subunit; beta2 integrin). CD18 is a 90-95 kDa type I transmembrane protein expressed on all leukocytes.	
Other names	Integrin beta2, Complement receptor C3 subunit beta, ITGB2	
Immunogen	Leukocytes of a patient suffering from a LGL-type leukemia.	
Entrez Gene ID	3689	
Gene name	ITGB2	
NCBI Full Gene Name	integrin subunit beta 2	
UniProt ID	P05107	
Concentration	1 mg/ml	
Preparation	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.	
Formulation	Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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