



	Technical Data Sheet	
Product	Anti-Hu CD18 Purified Low Endotoxin	
Cat. Number/Size	12-340-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD18	
Clone	MEM-148	
Format	Purified Low Endotoxin	
Reactivity	Human	
Negative species	Pig	
Application	FC (QC tested), IP, WB, FUNC	
Application details	Functional application: The antibody MEM-148 induces homotypic cell aggregation and high-affinity LFA-1 conformation in resting leukocytes. Flow cytometry: Recommended dilution: 1-5 µg/ml. The antibody MEM-148 is an excellent marker of activated myeloid cells. Western blotting: Non-reducing conditions.	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-148 recognizes an extracellular epitope on CD18 which is essentially inaccessible in intact integrin molecules on resting leukocytes, but is exposed on high-affinity state of LFA-1 or on unassociated CD18. CD18 (integrin beta2 subunit; beta2 integrin) is a 90-95 kDa type I transmembrane protein expressed on all leukocytes.	
Other names	Integrin beta2, Complement receptor C3 subunit beta, ITGB2	
Workshop	HLDA VI: WS Code AS A052	
Immunogen	Peripheral blood mononuclear cells	
Entrez Gene ID	3689	
Gene name	ITGB2	
NCBI Full Gene Name	integrin subunit beta 2	
UniProt ID	P05107	
Concentration	1 mg/ml	
Preparation	Purified by protein-A affinity chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at www.exbio.cz. EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.