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Technical Data Sheet

Product	**Anti-Hu CD18 Purified**	
Cat. Number/Size	**11-340-C025**	**0.025 mg**
	11-340-C100	**0.1 mg**

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD18
Clone	MEM-148
Format	Purified
Reactivity	Human
Negative species	Pig
Application	FC (QC tested), IP (reported), WB (verified)
Application details	Flow cytometry: Recommended dilution: 1-5 µg/ml. The antibody MEM-148 is an excellent marker of activated myeloid cells. Western blotting: Recommended dilution: 1-2 µg/ml.
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, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

Images and References	www.exbio.cz