

Technical Data Sheet

Product	Anti-Hu CD18 Purified Low Endotoxin	
Cat. Number/Size	12-216-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD18
Clone	MEM-48
Format	Purified Low Endotoxin
Reactivity	Human
Negative species	Dog
Application	FC (QC tested), IP, WB, IHC(P), IHC(F), FUNC
Application details	Functional application: The antibody MEM-48 induces high-affinity conformation of LFA-1 complex. Western blotting: Recommended dilution: 2 µg/ml; positive control: Kg-1a human leukemia cell lysate, non-reducing conditions. Flow cytometry: Recommended dilution: 2 µg/ml. Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml; positive tissue: spleen, microglia.
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 by sequential steps of physicochemical fractionation (differential precipitation and solid-phase chromatography methods).
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

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