

Technical Data Sheet

Product

Anti-Hu CD18 Purified

Cat. Number/Size

11-216-C025 **0.025 mg**
11-216-C100 **0.1 mg**

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD18
Clone	MEM-48
Format	Purified
Reactivity	Human
Negative species	Dog
Application	FC (QC tested), IHC-F (reported), IP (reported), WB (verified), IHC-P (verified)
Application details	Western blotting: Recommended dilution: 1-2 µg/ml. 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 (caprylic acid precipitation and ammonium sulfate precipitation).
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

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