

Technical Data Sheet

Product	<b>Anti-Hu CD243 Purified Low Endotoxin</b>
Cat. Number/Size	<b>12-764-C100</b> <b>0.1 mg</b>
	<b>For Research Use Only.</b>
	<b>Not for use in diagnostic or therapeutic procedures.</b>

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Antigen	CD243
Clone	UIC2
Format	Purified Low Endotoxin
Reactivity	Human
Negative species	Mouse, Rat
Application	FC (QC tested), IP, IHC-P, IHC-F, FUNC
Application details	Functional application: inhibition. Immunohistochemistry (paraffin sections): Heat mediated antigen retrieval in citrate buffer pH 6. Flow cytometry: Recommended dilution: 1-4 µg/ml
Isotype	Mouse IgG2a kappa
Specificity	The mouse monoclonal antibody UIC2 recognizes an extracellular epitope on CD243 (MDR-1), an approximately 170 kDa ABC transporter expressed on hematopoietic stem cells, B, T, and NK cells, or on many multidrug resistant cancer cells. This antibody preferentially recognizes CD243 in the process of transporting substrate.
Other names	P-Glycoprotein, CLCS, MDR1, PGY1, ABC20, GP170, ABCB1, ABC transporter
Workshop	HLDA VII
Immunogen	NIH 3T3 cells transfected with human CD243 (MDR-1) cDNA
Entrez Gene ID	5243
Gene name	ABCB1
NCBI Full Gene Name	ATP binding cassette subfamily B member 1
UniProt ID	P08183

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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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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