

Technical Data Sheet

Product	<b>Anti-Hu CD71 Biotin</b>	
Cat. Number/Size	<b>1B-353-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	CD71
Clone	MEM-189
Format	Biotin
Reactivity	Human
Application	FC (QC tested), IP
Application details	Flow cytometry: Recommended dilution: 1-5 µg/ml.
Isotype	Mouse IgG1
Specificity	The antibody MEM-189 reacts with an extracellular epitope on CD71 antigen (transferrin receptor), a 95 kDa type II homodimeric transmembrane glycoprotein expressed on activated B and lymphocytes, macrophages and erythroid precursors; it is lost on resting blood leukocytes. The antibody MEM-189 does not block binding of transferrin to the receptor.
Other names	TfR1, TfR, TR, Trfr, T9, p90, TFRC
Workshop	HLDA VI: WS Code NL N-L025
Immunogen	KG1 human acute myelogenous leukaemia cell line
Entrez Gene ID	7037
Gene name	TFRC
NCBI Full Gene Name	transferrin receptor
UniProt ID	P02786

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Concentration	1 mg/ml
Preparation	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
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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