

Technical Data Sheet

Product

**Anti-Hu CD71 Biotin**

Cat. Number/Size

**1B-235-C025**

**0.025 mg**

**1B-235-C100**

**0.1 mg**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	CD71
Clone	MEM-75
Format	Biotin
Reactivity	Human
Application	FC (QC tested), IP, ICC
Application details	Flow cytometry: Recommended dilution: 2-5 µg/ml.
Isotype	Mouse IgG1
Specificity	The antibody MEM-75 reacts with an extracellular epitope of CD71 antigen (transferrin receptor), a 95 kDa type II homodimeric transmembrane glycoprotein expressed on activated B and T lymphocytes, macrophages and erythroid precursors; it is lost on resting blood leukocytes. The antibody MEM-75 does not block binding of transferrin to the receptor.
Other names	TfR1, TfR, TR, Trfr, T9, p90, TFRC
Workshop	HLDA IV: WS Code A 45; HLDA V: WS Code T T-165
Immunogen	NALM-6 human pre-B 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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