



	Technical Data Sheet	
Product	Anti-Hu CD71 Pacific Blue™	
Cat. Number/Size	PB-235-T025	25 tests
	PB-235-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD71	
Clone	MEM-75	
Format	Pacific Blue™	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.	
Excitation laser	violet (405 nm)	
Isotype	Mouse IgG1 kappa	
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	
Preparation	Purified antibody is conjugated with Pacific Blue™ NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.	
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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