



	Technical Data Sheet	
Product	Anti-Hu CD7 Pacific Blue™	
Cat. Number/Size	PB-206-T025	25 tests
	PB-206-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD7	
Clone	MEM-186	
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-186 reacts with an extracellular epitope of CD7, a 40 kD type I transmembrane glycoprotein expressed on peripheral blood T lymphocytes, NK-cells, hematopoietic progenitors, monocytes (weakly) and also on acute lymphocytic leukemia.	
Other names	GP40, TLA, TP41, LEU-9	
Workshop	HLDA VI: WS Code T 6T-015	
Immunogen	Human acute myelogenous leukaemia cell line KG-1.	
Entrez Gene ID	924	
Gene name	CD7	
NCBI Full Gene Name	CD7 molecule	
UniProt ID	P09564	
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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