



	Technical Data Sheet	
Product	Anti-Hu CD7 PE-Cy™5	
Cat. Number/Size	T8-183-T025	25 tests
	T8-183-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD7	
Clone	124-1D1	
Format	PE-Cy™5	
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	blue (488 nm)	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody 124-1D1 recognizes 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 IV: WS Code T155	
Immunogen	not available	
Entrez Gene ID	924	
Gene name	CD7	
NCBI Full Gene Name	CD7 molecule	
UniProt ID	P09564	
Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 5 (PE-Cy™5) 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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