



	Technical Data Sheet	
Product	Anti-Hu CD5 PE	
Cat. Number/Size	1P-482-T025	25 tests
	1P-482-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD5	
Clone	CRIS1	
Format	PE	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG2a	
Specificity	The mouse monoclonal antibody CRIS1 reacts with an extracellular epitope of CD5, a 67kDa single-chain transmembrane glycoprotein expressed on mature T lymphocytes, most of thymocytes and B lymphocytes subset (B-1a lymphocytes).	
Other names	T1, LEU1	
Workshop	HLDA I: WS Code T 29; HLDA III: WS Code T 530	
Immunogen	stimulated human leukocytes	
Entrez Gene ID	921	
Gene name	CD5	
NCBI Full Gene Name	CD5 molecule	
UniProt ID	P06127	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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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