



	Technical Data Sheet	
Product	Anti-Hu CD122 PE	
Cat. Number/Size	1P-195-T025	25 tests
	1P-195-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD122	
Clone	TU27	
Format	PE	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody TU27 recognizes an extracellular epitope of CD122 (IL-2R beta), a 70-75 kDa type I transmembrane glycoprotein constitutively expressed by NK cells and a T cell subset, and upregulated upon activation.	
Other names	IL2RB, IL15RB, P70-75	
Workshop	HLDA V: WS Code C050	
Immunogen	TL-Mor cell line	
Entrez Gene ID	3560	
Gene name	IL2RB	
NCBI Full Gene Name	interleukin 2 receptor subunit beta	
UniProt ID	P14784	
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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