



	Technical Data Sheet	
Product	Anti-Hu CD162 PE	
Cat. Number/Size	1P-603-T025	25 tests
	1P-603-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD162	
Clone	TC2	
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 IgG1	
Specificity	The antibody TC2 reacts with an extracellular epitope of CD162, a 220 kDa type I integral membrane protein expressed as disulfide-linked homodimer (sialomucin family). CD162 is present on the most peripheral blood T lymphocytes, monocytes, granulocytes; it is also expressed on a subpopulation of B lymphocytes and CD34 ⁺ bone marrow cells.	
Other names	PSGL-1, Selectin P ligand, SELPLG, CLA	
Immunogen	Human thymocytes	
Entrez Gene ID	6404	
Gene name	SELPLG	
NCBI Full Gene Name	selectin P ligand	
UniProt ID	Q14242	
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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