



	Technical Data Sheet	
Product	Anti-Hu CD27 PE-Cy™5	
Cat. Number/Size	T8-308-T025	25 tests
	T8-308-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD27	
Clone	LT27	
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 IgG2a	
Specificity	The antibody LT27 reacts with an extracellular epitope of CD27 (T14), a 50-55 kDa type I transmembrane glycoprotein (member of the TNF-receptor superfamily) expressed on medullary thymocytes, peripheral T lymphocytes, some B lymphocytes and NK cells.	
Other names	T14, TNFRSF7, LPFS2, S152, Tp55	
Workshop	HLDA V: WS Code T T-CD27.01	
Immunogen	Human peripheral blood lymphocytes	
Entrez Gene ID	939	
Gene name	CD27	
NCBI Full Gene Name	CD27 molecule	
UniProt ID	P26842	
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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