



	Technical Data Sheet	
Product	Anti-Hu CD27 Pacific Orange™	
Cat. Number/Size	PO-308-T025	25 tests
	PO-308-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD27	
Clone	LT27	
Format	Pacific Orange™	
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	violet (405 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 Pacific Orange™ NHS ester 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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