

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	The purified antibody is conjugated with Pacific Orange™ under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

Images and References www.exbio.cz

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