

Technical Data Sheet

Product	<b>Anti-Hu CD27 PerCP-Cy™5.5</b>	
Cat. Number/Size	<b>T9-308-T025</b>	<b>25 tests</b>
	<b>T9-308-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	CD27
Clone	LT27
Format	PerCP-Cy™5.5
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 <sup>6</sup> 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

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Preparation	The purified antibody is conjugated with tandem dye PerCP-Cy™5.5 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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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