

Technical Data Sheet

Product	Anti-Perforin PE-Cy™7	
Cat. Number/Size	T7-765-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	Perforin
Clone	dG9
Format	PE-Cy™7
Reactivity	Human, Cow
Negative species	Mouse
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 IgG2b kappa
Specificity	The mouse monoclonal antibody dG9 (also known as deltaG9) recognizes perforin, a 70 kDa protein expressed in cytoplasmic granules of cytotoxic T cells and NK cells.
Other names	PRF1, P1, PFP, HPLH2
Immunogen	purified granules from human YT lymphoma cell line
Entrez Gene ID	5551
Gene name	PRF1
NCBI Full Gene Name	perforin 1
UniProt ID	P14222

Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 7 (PE-Cy™7) 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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