

Technical Data Sheet

Product

Anti-Perforin PE

Cat. Number/Size

1P-765-T025

25 tests

1P-765-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	Perforin
Clone	dG9
Format	PE
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 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 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	The purified antibody is conjugated with R-phycoerythrin (PE) 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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