

Technical Data Sheet

Product

**Anti-Perforin APC**

Cat. Number/Size

**1A-765-T100**

**100 tests**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

---

Antigen	Perforin
Clone	dG9
Format	APC
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 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. Intracellular staining.
Excitation laser	red (633 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 allophycocyanin (APC) 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](http://www.exbio.cz)

---

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at [www.exbio.cz](http://www.exbio.cz). EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.