

### 30-2382: PE Conjugated Anti-Perforin Monoclonal Antibody (Clone:dG9)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	dG9
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	PE
<b>Gene :</b>	PRF1
<b>Gene ID :</b>	5551
<b>Uniprot ID :</b>	P14222
<b>Alternative Name :</b>	PRF1, PFP
<b>Isotype :</b>	Mouse IgG2b
<b>Immunogen Information :</b>	purified granules from human YT lymphoma cell line

#### Description

Perforin is a 70 kDa cytolytic protein with structural and functional similarities to complement component 9 (C9). It is stored in cytoplasmic granules of cytotoxic T cells and NK cells and after its release it forms transmembrane pores in the target cells to kill it. As perforin is a key effector molecule for cell-mediated cytotoxicity, defects of its gene can cause severe disorders.

#### Product Info

<b>Amount :</b>	100 tests
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

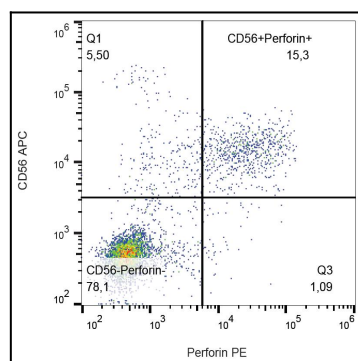


Figure 1: Intracellular staining of perforin in human peripheral blood cells with anti-perforin (dG9) PE.