

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

Clonality :	Monoclonal
Clone Name :	dG9
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Gene :	PRF1
Gene ID :	5551
Uniprot ID :	P14222
Alternative Name :	PRF1,PFP
Isotype :	Mouse IgG2b
Immunogen Information :	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

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

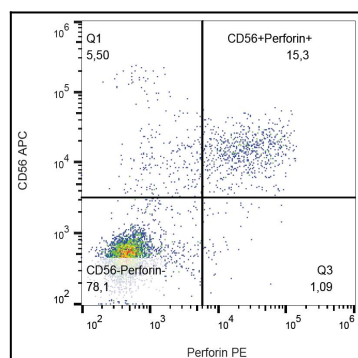


Figure 1: Intracellular staining of perforin in human peripheral blood cells with anti-perforin (dG9) PE.