

PE anti-human Perforin

Catalog # / Size: 2366520 / 100 tests
2366515 / 25 tests

Clone: B-D48

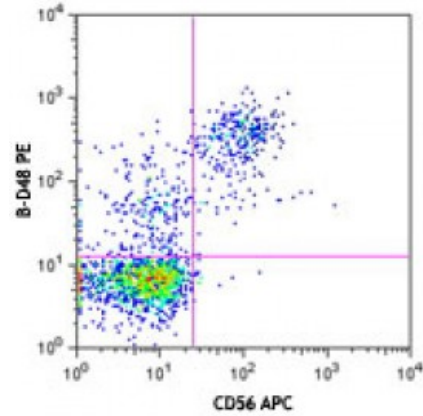
Isotype: Mouse IgG1

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

Concentration: Lot-specific

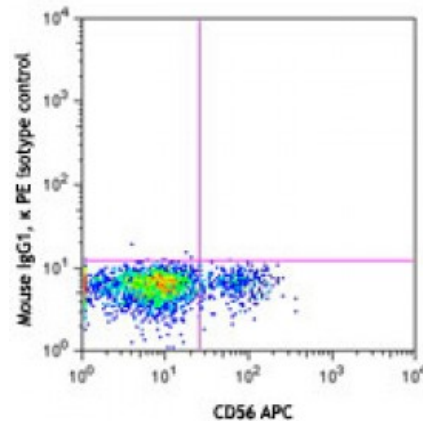


Human peripheral blood lymphocytes were surface stained with CD56 APC, followed by intracellular staining with Perforin (clone B-D48) PE (top) or mouse IgG1, κ PE isotype control (bottom).

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by intracellular immunofluorescent staining with flow cytometric analysis. **Test size products are transitioning from 20 microL to 5 microL per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 microL staining volume or per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.



Application References: 1. Buggert M, *et al.* 2014. *J Immunol.* 192:4685. [PubMed](#)

Description: Perforin is a 70 kD cytolytic protein that is expressed in the cytoplasmic granules of cytotoxic T lymphocytes (CTLs) and natural killer (NK) cells. Perforin is one of the major effector molecules used by cytotoxic T cells and NK cells to mediate targeted cell lysis.

Antigen References: 1. Lieberman J. 2003. *Nat. Rev. Immunol.* 3:361.
2. Trapani J, *et al.* 2002. *Nat. Rev. Immunol.* 2:735.