

**APC anti-human Perforin**

**Catalog # / Size:** 2366555 / 25 tests  
2366560 / 100 tests

**Clone:** B-D48

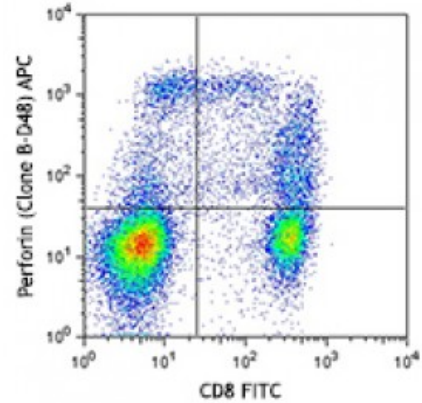
**Isotype:** Mouse IgG1

**Reactivity:** Human

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

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

**Concentration:** 0.5

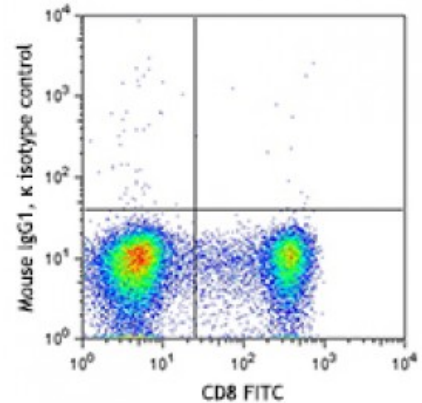


Human peripheral blood lymphocytes were surface stained with CD8 FITC, fixed with Fixation Buffer, permeabilized with Intracellular Staining Permeabilization Wash Buffer (10X), and then intracellularly stained with Perforin (clone B-D48) APC (top), or mou

**Applications:**

**Applications:** Flow Cytometry

**Recommended Usage:** Each lot of this antibody is quality control tested by intracellular immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 5 microL per million cells or 5 microL per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.



**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.