

PE anti-mouse Perforin

Catalog # / Size: 1371525 / 25 µg
1371530 / 100 µg

Clone: S16009A

Isotype: Rat IgG2a, κ

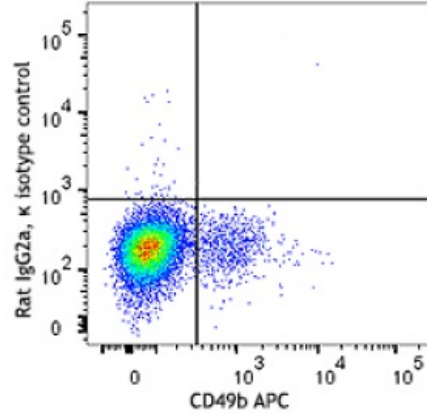
Immunogen: Mouse perforin transfected cells.

Reactivity: Mouse

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.

Concentration: 0.2 mg/ml



Applications:

Applications: Intracellular 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 ≤ 0.5 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: Clone S16009A reacts with perforin from both C57BL/6 and BALB/c strains.

Application References:

1. Podack ER, *et al.* 1988. *Immunol. Rev.* 103:203.
2. Konjar S, *et al.* 2010. *Immunology.* 131:257.
3. Trapani JA, *et al.* 2002. *Nat. Rev. Immunol.* 2:735.
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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. Podack ER, *et al.* 1988. *Immunol. Rev.* 103:203.
2. Konjar S, *et al.* 2010. *Immunology.* 131:257.
3. Trapani JA, *et al.* 2002. *Nat. Rev. Immunol.* 2:735.
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