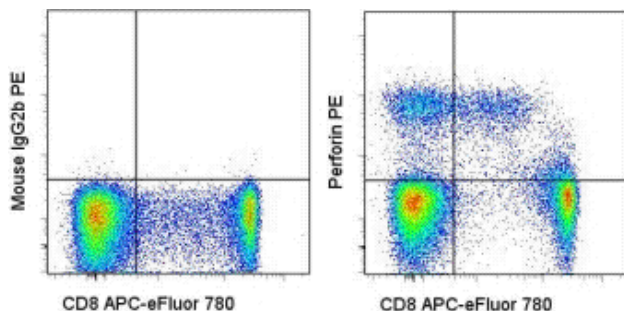


Anti-Human Perforin PE

Catalog Number: 12-9994

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of normal human peripheral blood cells with Anti-Human CD8 APC-eFluor® 780 (cat. 47-0088) followed by fixation and permeabilization with the Foxp3 Staining Buffers (cat. 00-5523) and intracellular staining with Mouse IgG2b K Isotype Control PE (cat. 12-4732) (left) or Anti-Human Perforin PE (right). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human Perforin PE


REF **Catalog Number:** 12-9994

Clone: dG9 (delta G9)

Concentration: 5 uL (0.06 ug)/test

Host/Isotype: Mouse IgG2b, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 **Temperature Limitation:** Store at 2-8°C. Do not freeze. Light sensitive material.

LOT **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

 **Caution, contains Azide**

Description

The dG9 antibody clone reacts with human perforin (pore-forming protein, pfp). Perforin is one of the cytolytic mediators present in the cytoplasmic granules of cytotoxic T lymphocytes (CTL) and natural killer cells (NK). Perforin is involved in the killing function by CTLs and NKs and has an important role in the immune response against tumors and virus infections.

Applications Reported

This dG9 (delta G9) antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

Applications Tested

This dG9 (delta G9) antibody has been pre-titrated and tested by intracellular staining and flow cytometric analysis of human PBMCs. This can be used at 5 µL (0.06 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test.

References

M.J. Smyth, et al, (1990) J Exp Med 171: 1269-1281.

A. Hameed, et al, (1992) Am J Pathol 140: 1025-1030.

P.L. Jose, et al, (1994) J Immunol 148: 3354-3360.

B.C. Schlesinger & L. Cheng, (1994) Immunol 81: 291-295.

C.C. Liu, et al, (1995) Immunol Today 16: 194-201.

Related Products

00-5523 Foxp3 / Transcription Factor Staining Buffer Set

12-4732 Mouse IgG2b K Isotype Control PE

46-0567 Anti-Human CD56 (NCAM) PerCP-eFluor® 710 (CMSSB)

47-0088 Anti-Human CD8a APC-eFluor® 780 (RPA-T8)

88-8823 Fixation & Permeabilization Buffers

