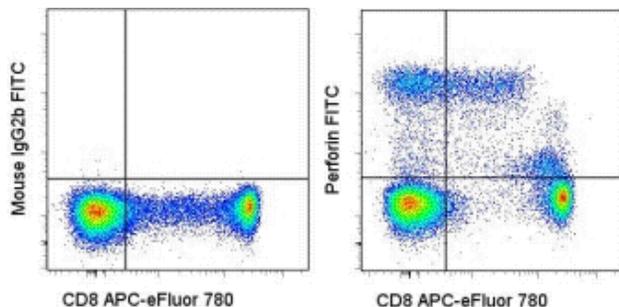


## Anti-Human Perforin FITC

Catalog Number: 11-9994

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



Intracellular staining of normal human peripheral blood cells with Anti-Human CD8 APC-eFluor<sup>®</sup> 780 (cat. 47-0088) and Mouse IgG2b K Isotype Control FITC (cat. 11-4732) (left) or Anti-Human Perforin FITC (right). Cells in the lymphocyte gate were used for analysis.

### Product Information

**Contents:** Anti-Human Perforin FITC

**REF** **Catalog Number:** 11-9994

**Clone:** dG9 (delta G9)

**Concentration:** 5 µL (0.125 µg)/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, and immunohistochemical staining.

### Applications Tested

This dG9 (delta G9) antibody has been tested by intracellular flow cytometric analysis of human peripheral blood leukocytes. This can be used at 5 µL (0.125 µg)/per test. A test is defined as the amount (µg)/test 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 10<sup>5</sup> to 10<sup>8</sup> 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

11-4732 Mouse IgG2b K Isotype Control FITC

46-0567 Anti-Human CD56 (NCAM) PerCP-eFluor<sup>®</sup> 710 (CMSSB)

47-0088 Anti-Human CD8a APC-eFluor<sup>®</sup> 780 (RPA-T8)

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