
Anti-Human Perforin Purified

Catalog Number: 14-9994

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

Product Information

Contents: Anti-Human Perforin Purified

REF **Catalog Number:** 14-9994

Clone: dG9 (delta G9)

Concentration: 0.5 mg/mL

Host/Isotype: Mouse IgG2b, kappa

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

 **Temperature Limitation:** Store at 2-8°C.

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, immunoprecipitation, and immunohistochemical staining. (Fluorochrome conjugated dG9 (delta G9) is recommended for use in intracellular flow cytometry.)

Applications Tested

This dG9 (delta G9) antibody has been tested by intracellular staining and flow cytometric analysis of human peripheral blood leukocytes. This can be used at less than or equal to 0.25 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. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

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

14-4732 Mouse IgG2b K Isotype Control Purified

14-9993 Anti-Human Perforin Purified (eBioBOR21)

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