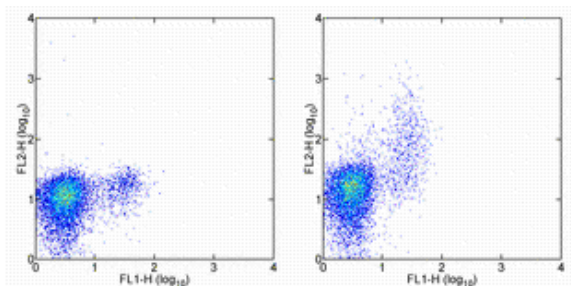


## Anti-Human Granulysin PE

**Catalog Number:** 12-8828

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



Staining of normal human peripheral blood cells with Anti-Human CD56 (NCAM) FITC then fixed and permeabilized and stained with Mouse IgG1 kappa Isotype Control PE (cat. 12-4714) (left) or Anti-Human Granulysin PE (right). Cells in the lymphocyte gate were used for analysis.

### Product Information

**Contents:** Anti-Human Granulysin PE


**REF** **Catalog Number:** 12-8828

**Clone:** eBioDH2 (DH2)


**Concentration:** 5 uL (0.25 ug)/test


**Host/Isotype:** Mouse IgG1, 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 eBioDH2 monoclonal antibody reacts with human granulysin, a protein involved in the cytolytic pathway. Granulysin is a member of the saposin-like protein (SAPLIP) family. Two proteins 9 and 15kDa are thought to be post translation modified versions of the 15kDa protein with a change in conformation. Granulysin is found in NK and activated T cells and the expression is confined to the cytolytic granules which also contains perforin and granzyme. Granulysin with perforin are suspected to function synergistically to kill bacteria and induce apoptosis in nucleated cells.

### Applications Reported

This eBioDH2 (DH2) antibody has been reported for use in intracellular staining followed by flow cytometric analysis and immunocytochemistry.

### Applications Tested

This eBioDH2 (DH2) antibody has been pre-titrated and tested by intracellular staining and flow cytometric analysis of human peripheral blood cells. This can be used at 5 µL (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 10<sup>5</sup> to 10<sup>8</sup> cells/test.

### References

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**Related Products**

11-9994 Anti-Human Perforin FITC (dG9 (delta G9))

12-4714 Mouse IgG1 K Isotype Control PE (P3.6.2.1)

12-8899 Anti-Human Granzyme B PE (GB11)

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