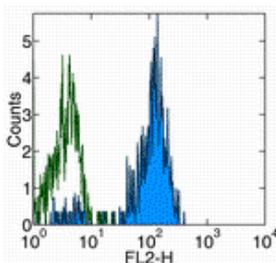


Anti-Human CD33 PE

Catalog Number: 12-0339

Also Known As: Sialic Acid-Binding Immunoglobulin-Like Lectin 3, SIGLEC3

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



Staining of normal human peripheral blood cells with Mouse IgG1 K Isotype Control PE (cat. 12-4714) (open histogram) and Anti-Human CD33 PE (filled histogram). Cells in the monocyte population were used for analysis.

Product Information

Contents: Anti-Human CD33 PE

REF **Catalog Number:** 12-0339

Clone: HIM3-4

Concentration: 5 μ L (0.5 μ g)/test

Host/Isotype: Mouse IgG1, kappa

HLDA Workshop: V MA112

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 HIM3-4 monoclonal antibody reacts with human CD33, a 67 kDa member of the sialoadhesion family. CD33 is expressed by myelomonocytic precursors, monocytes, mast cells, and granulocytes. Hematopoietic stem cells and lymphocytes do not express this antigen. CD33 plays a role in sialic-acid dependent cell adhesion.

Applications Reported

The HIM3-4 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This HIM3-4 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 5 μ L (0.5 μ g) per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

References

Schlossman, S., L. Bloumsell, et al. eds (1995). Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press. New York.

Knapp, W., B. Dorken, et al. eds. (1989). Leucocyte Typing IV: White Cell Differentiation Antigens. Oxford University Press. New York.

Related Products

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

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