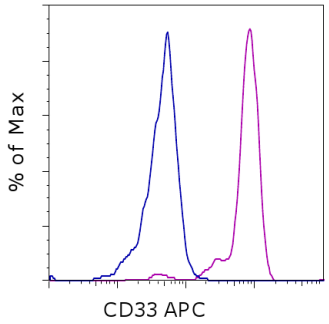
Anti-Human CD33 APC

Catalog Number: 17-0338
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 kappa Isotype Control APC (cat. 17-4714) (blue histogram) or Anti-Human CD33 APC (purple histogram). Cells in the monocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD33 APC
REF **Catalog Number:** 17-0338
Clone: WM-53 (WM53)
Concentration: 5 uL (0.125 ug)/test
Host/Isotype: Mouse IgG1, kappa
HLDA Workshop: VI M505

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

Description

The WM-53 monoclonal antibody reacts with human CD33, also known as GP67 and P67, a 67 kDa type I transmembrane glycoprotein that is a member of the Siglec (sialic acid-binding Ig superfamily lectin) family. It is highly specific to the hematopoietic compartment and is expressed on monocytes, activated T cells, granulocytes, myeloid progenitors, and mast cells.

Applications Reported

This WM-53 (WM53) antibody has been reported for use in flow cytometric analysis.

Applications Tested

This WM-53 (WM53) antibody has been pre-titrated and tested by flow cytometric analysis or normal human peripheral blood cells. This can be used at 5 µL (0.125 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 10^5 to 10^8 cells/test.

References

Favaloro EJ, Bradstock KF, Kabral A, Grimsley P, Berndt MC. 1987 Characterization of monoclonal antibodies to the human myeloid-differentiation antigen, 'gp67' (CD-33). Dis Markers. 5(4):215-25.

Related Products

17-4714 Mouse IgG1 K Isotype Control APC (P3.6.2.8.1)

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