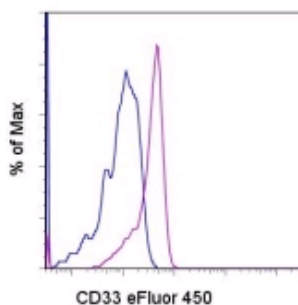


Anti-Human CD33 eFluor® 450 (Pacific Blue® replacement)

Catalog Number: 48-0337

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

RUO: For Research Use Only



Staining of normal human peripheral blood cells with Mouse IgG1 κ Isotype Control eFluor® 450 (cat. 48-4714) (blue histogram) or Anti-Human CD33 eFluor® 450 (purple histogram). Cells in the monocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD33 eFluor® 450 (Pacific Blue® replacement)


REF Catalog Number: 48-0337

Clone: P67.6


Concentration: 5 µl (0.25 µg)/test

Host/Isotype: Mouse IgG1

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 P67.6 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 P67.6 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This P67.6 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µl (0.25 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 10⁵ to 10⁸ cells/test.

eFluor® 450 is a replacement for Pacific Blue®. eFluor® 450 emits at 456 nm and is excited with the Violet laser (405 nm). Please make sure that your instrument is capable of detecting this fluorochrome.

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*. 1987 5(4):215-25.

Related Products

48-4714 Mouse IgG1 K Isotype Control eFluor® 450 (Pacific Blue® replacement)

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Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.eBioscience.com • info@eBioscience.com