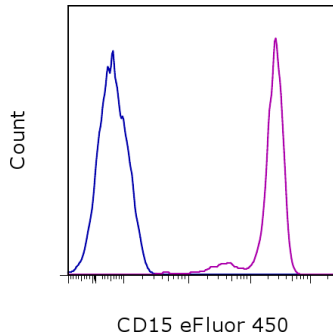# Anti-Human CD15 eFluor® 450

Catalog Number: 48-0159
Also known as: Fucosyl Transferase 4 (FUT4), Alpha-3-Fucosyltransferase (FCT3A)
RUO: For Research Use Only. Not for use in diagnostic procedures.

CD15 eFluor 450

Staining of normal human peripheral blood cells with Mouse IgM Isotype Control eFluor® 450 (cat. 48-4752) (blue histogram) or Anti-Human CD15 eFluor® 450 (purple histogram). Cells in the granulocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD15 eFluor® 450
[REF] **Catalog Number:** 48-0159
Clone: HI98
Concentration: 5 uL (0.25 ug)/test
Host/Isotype: Mouse IgM, kappa
HLDA Workshop: IV M141

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.
Batch Code: Refer to vial
Use By: Refer to vial
Contains sodium azide

Description

The HI98 monoclonal antibody reacts with human CD15, Lewis X. This 3-fucosyl-N-acetyllactosamine carbohydrate moiety is expressed by granulocytes. Monocytes express this structure at varying degree while lymphocytes are negative.

Applications Reported

This HI98 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This HI98 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) 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.

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 fluorochome.

References

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

Related Products

48-4752 Mouse IgM Isotype Control eFluor® 450