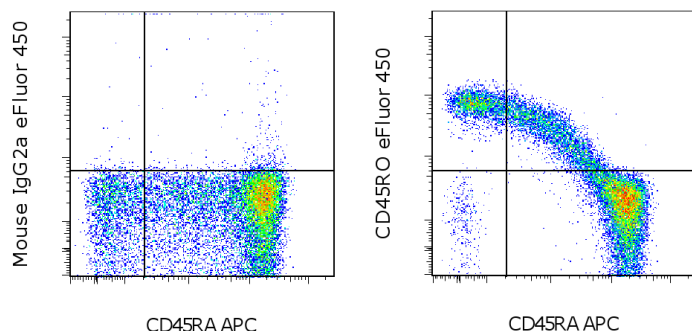


Anti-Human CD45RO eFluor® 450

Catalog Number: 48-0457

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



Staining of normal human peripheral blood cells with Anti-Human CD45RA APC (cat. 17-0458) and Mouse IgG2a K Isotype Control eFluor® 450 (cat. 48-4724) (left) or Anti-Human CD45RO eFluor® 450 (right). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD45RO eFluor® 450



Catalog Number: 48-0457

Clone: UCHL1

Concentration: 5 µL (0.5 µg)/test

Host/Isotype: Mouse IgG2a, kappa

HLDA Workshop: IV N31



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

Description

The UCHL1 monoclonal antibody reacts with human CD45RO, a 180 kDa isoform of CD45. CD45RO is expressed by most thymocytes, activated memory T cells, granulocytes and monocytes. CD22 is a ligand for CD45RO. Expression of CD45RO and CD45RA is used commonly to discriminate subsets of peripheral T cells.

Applications Reported

This UCHL1 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This UCHL1 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (0.5 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 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

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

Related Products

17-0458 Anti-Human CD45RA APC (HI100)

48-4724 Mouse IgG2a K Isotype Control eFluor® 450

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