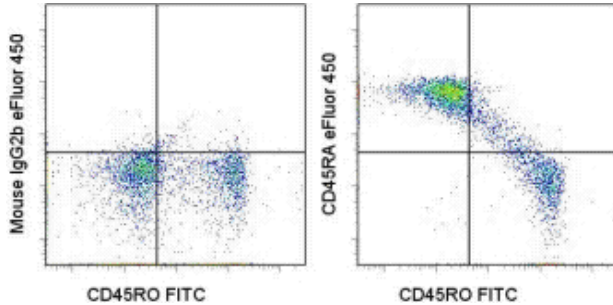


Anti-Human CD45RA eFluor® 450

Catalog Number: 48-0458

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



Staining of normal human peripheral blood cells with Anti-Human CD45RO FITC (cat. 11-0457) and Mouse IgG2b K Isotype Control eFluor® 450 (cat. 48-4732) (left) or Anti-Human CD45RA eFluor® 450 (right). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD45RA eFluor® 450

REF **Catalog Number:** 48-0458


Clone: HI100

Concentration: 5 µL (0.5 µg)/test

Host/Isotype: Mouse IgG2b, kappa


HLDA Workshop: IV N906

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 HI100 monoclonal antibody reacts with human CD45RA, a 220 kDa molecule expressed by subpopulations of CD4+ peripheral T lymphocytes, CD8+ peripheral T lymphocytes, and B cells. The CD45RA+ T cell populations are mainly naive/virgin allowing the use of HI100 mAb as a phenotypic marker to discriminate T cell subsets.

Applications Reported

This HI100 antibody has been reported for use in flow cytometric analysis.

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.

Applications Tested

This HI100 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral mononuclear 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

11-0457 Anti-Human CD45RO FITC (UCHL1)

46-0457 Anti-Human CD45RO PerCP-eFluor® 710 (UCHL1)

48-4732 Mouse IgG2b K Isotype Control eFluor® 450

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