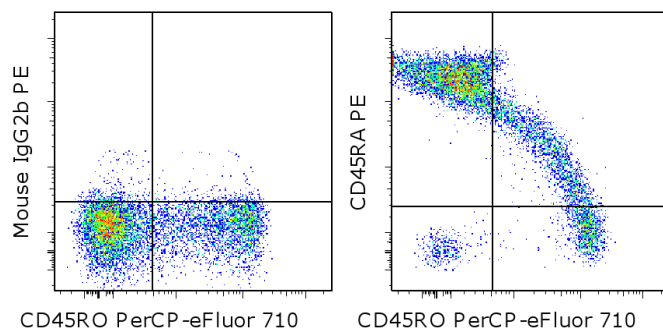![eBioscience logo] An Affymetrix Company

Anti-Human CD45RA PE

Catalog Number: 12-0458
RUO: For Research Use Only. Not for use in diagnostic procedures.

Staining of normal human peripheral blood cells with Anti-Human CD45RO PerCP-eFluor® 710 (cat. 46-0457) and Mouse IgG2b K Isotype Control PE (cat. 12-4732) (left) or Anti-Human CD45RA PE (right). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD45RA PE
[REF] **Catalog Number:** 12-0458
Clone: HI100
Concentration: 5 uL (0.06 ug)/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.
[LOT] **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

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

Applications Tested

This HI100 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 5 µL (0.06 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

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

Related Products

11-9979 Anti-Human CD45RA FITC (JS-83)
12-4732 Mouse IgG2b K Isotype Control PE
46-0457 Anti-Human CD45RO PerCP-eFluor® 710 (UCHL1)