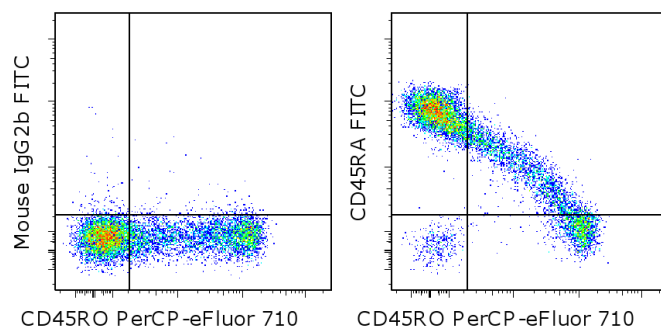


## Anti-Human CD45RA FITC

**Catalog Number:** 11-0458

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



Staining of normal human peripheral blood cells with Anti-Human CD45RO PerCP-eFluor<sup>®</sup> 710 (cat. 46-0457) and Mouse IgG2b K Isotype Control FITC (cat. 11-4732) (left) or Anti-Human CD45RA FITC (right). Cells in the lymphocyte gate were used for analysis.

### Product Information



**Contents:** Anti-Human CD45RA FITC

**Catalog Number:** 11-0458

**Clone:** HI100

**Concentration:** 5 uL (1 ug)/test

**Host/Isotype:** Mouse IgG2b, kappa

**HLDA Workshop:** IV N906



LOT



**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

**Caution, contains 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 naïve/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 (1 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<sup>5</sup> to 10<sup>8</sup> 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

11-4732 Mouse IgG2b K Isotype Control FITC

46-0457 Anti-Human CD45RO PerCP-eFluor<sup>®</sup> 710 (UCHL1)

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