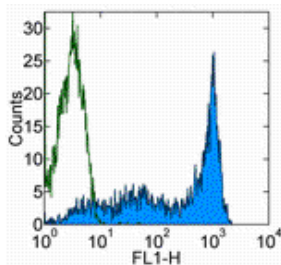


## Anti-Human CD45RA Purified

Catalog Number: 14-0458

RUO: For Research Use Only



Staining of normal human peripheral blood cells with 0.25 ug of Mouse IgG2b Isotype Control Purified (cat. 14-4732) (open histogram) or 0.25 ug of Anti-Human CD45RA Purified (filled histogram) followed by Anti-Mouse IgG FITC (cat. 11-4011). Cells in the lymphocyte gate were used for analysis.

### Product Information

**Contents:** Anti-Human CD45RA Purified

 **Catalog Number:** 14-0458

**Clone:** HI100

**Concentration:** 0.5 mg/mL

**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.



**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 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, and immunohistochemical staining.

### Applications Tested

The HI100 antibody has been tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at less than or equal to 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 10<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

### References

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

### Related Products

11-4011 Anti-Mouse IgG FITC

11-9979 Anti-Human CD45RA FITC (JS-83)

12-9979 Anti-Human CD45RA PE (JS-83)

14-4732 Mouse IgG2b K Isotype Control Purified

14-9979 Anti-Human CD45RA Purified (JS-83)

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