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## Anti-Human CD45RA Purified

Catalog Number: 14-9979

RUO: For Research Use Only

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### Product Information

**Contents:** Anti-Human CD45RA Purified

**REF** **Catalog Number:** 14-9979

**Clone:** JS-83

**Concentration:** 0.5 mg/mL

**Host/Isotype:** Mouse IgG1, kappa

**HLDA Workshop:** N/A

**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**

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### Description

The JS-83 monoclonal antibody reacts with human CD45RA, a 220 kDa molecule expressed by subpopulations of CD4<sup>+</sup> peripheral T lymphocytes, CD8<sup>+</sup> peripheral T lymphocytes, and B cells. The CD45RA<sup>+</sup> T cell populations are mainly naive/virgin allowing the use of JS-83 mAb as a phenotypic marker to discriminate T cell subsets.

### Applications Reported

JS-83 has been reported for use in flow cytometric analysis.

### Applications Tested

The JS-83 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

12-0457 Anti-Human CD45RO PE (UCHL1)

14-4714 Mouse IgG1 K Isotype Control Purified (P3.6.2.1)

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