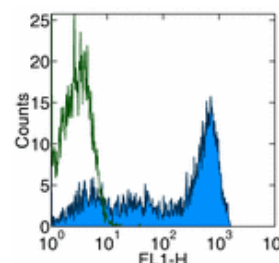


Product Information

Contents: Biotin anti-human CD45RA
Catalog Number: 13-0458
Sizes: 25 ug, 100 ug
Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, 0.09% NaN₃
Storage Conditions: Store at 4°C.
DO NOT FREEZE.
Clone: HI100
Isotype: Mouse IgG2b, κ
HLDA No.: IV N906



Surface staining of normal human peripheral blood cells with anti-human CD45RA (HI100) FITC. Appropriate isotype controls were used (open histogram). Cells in the lymphocyte population were used for analysis.

Available Formats of This Product

| Cat. No. | Format | Excite (nm) | Emit (nm) | Reported Applications |
|----------|--|-------------|-----------|-----------------------|
| 11-0458 | FITC anti-human CD45RA | 488 | 518 | FC |
| 12-0458 | PE anti-human CD45RA | 488 | 575 | FC |
| 13-0458 | Biotin anti-human CD45RA | N/A | N/A | FC |
| 14-0458 | Affinity Purified anti-human CD45RA | N/A | N/A | FC IHC |
| 15-0458 | PE-Cy5 anti-human CD45RA | 488 | 670 | FC |
| 17-0458 | Coming Soon! - Allophycocyanin (APC) anti-human CD45RA | 633 | 660 | FC |

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.

Usage

For research use only, not for diagnostic or therapeutic use. The HI100 antibody has been reported for use in flow cytometric analysis.

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 100 µl blood (or per 1 million cells in 100 µl total staining volume). It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Related Products

Cat. 11-0458 FITC anti-human CD45RA (clone HI100)
Cat. 12-0458 PE anti-human CD45RA (clone HI100)
Cat. 14-0458 Affinity Purified anti-human CD45RA (clone HI100)
Cat. 15-0458 PE-Cy5 anti-human CD45RA (clone HI100)
Cat. 11-4317 Streptavidin-FITC (Fluorescein isothiocyanate)
Cat. 12-4317 Streptavidin-PE (Phycoerythrin)
Cat. 17-4317 Streptavidin Allophycocyanin (SA-APC)
Cat. 13-4732 Biotin Mouse IgG2b Isotype Control
Cat. 11-9979 FITC anti-human CD45RA (clone JS-83)
Cat. 12-9979 PE anti-human CD45RA (clone JS-83)

Cat. 13-9979 Biotin anti-human CD45RA (clone JS-83)
Cat. 14-9979 Affinity Purified anti-human CD45RA (clone JS-83)
Cat. 15-9979 PE-Cy5 anti-human CD45RA (clone JS-83)

References

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

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