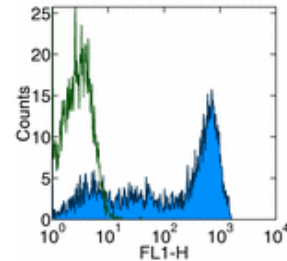


Product Information

Contents: Phycoerythrin-Cy5 (PE-Cy5) anti-human CD45RA
Catalog Number: 15-0458
Sizes: 25 tests, 100 tests
Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, 0.09% NaN₃, 0.2% BSA
Storage Conditions: Store at 4°C.
DO NOT FREEZE.
LIGHT-SENSITIVE MATERIAL.
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 pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 20 µl per 100 µl blood (or per 1 million cells in 100 µl total staining volume).

Related Products

Cat. 11-0458 FITC anti-human CD45RA (clone HI100)
Cat. 12-0458 PE anti-human CD45RA (clone HI100)
Cat. 13-0458 Biotin anti-human CD45RA (clone HI100)
Cat. 14-0458 Affinity Purified anti-human CD45RA (clone HI100)
Cat. 15-4732 Phycoerythrin-Cy5 (PE-Cy5) 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.

FOR NON-COMMERCIAL RESEARCH USE ONLY. NOT FOR THERAPEUTIC OR IN VIVO APPLICATIONS. OTHER USE NEEDS LICENSE FROM AMERSHAM PHARMACIA BIOTECH INC. UNDER U.S. PATENT Nos. 4,981,977 AND 5,268,486 AND OTHER PATENTS PENDING.

THIS MATERIAL IS SUBJECT TO PROPRIETARY RIGHTS OF AMERSHAM PHARMACIA BIOTECH INC. AND CARNEGIE MELLON UNIVERSITY AND MADE AND SOLD UNDER LICENSE FROM AMERSHAM PHARMACIA BIOTECH INC. THIS PRODUCT IS LICENSED FOR SALE ONLY FOR RESEARCH. IT IS NOT LICENSED FOR ANY OTHER USE. THERE IS NO IMPLIED LICENSE HEREUNDER FOR ANY COMMERCIAL USE. COMMERCIAL USE shall include:

1. Sale, lease, license or other transfer of the material or any material derived or produced from it.
2. Sale, lease, license or other grant of rights to use this material or any other material derived or produced from it
3. Use of this material to perform services for a fee for third parties.

IF YOU REQUIRE A COMMERCIAL LICENSE TO USE THIS MATERIAL AND DO NOT HAVE ONE, RETURN THIS MATERIAL, UNOPENED TO eBioscience AND ANY MONEY PAID FOR THE MATERIAL WILL BE REFUNDED.

Copyright © 2000-2005 eBioscience, Inc.
Product For Research Use Only: Not for further distribution without written consent.

