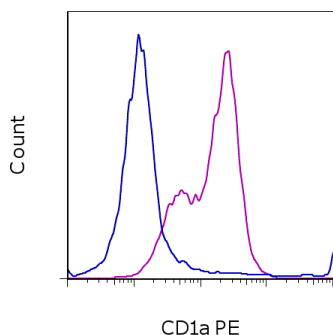


Anti-Human CD1a PE

Catalog Number: 12-0019

Also known as: Leu-6, T6, R4

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



Staining of MOLT-4 cells with Mouse IgG1 K Isotype Control PE (cat. 12-4714) (blue histogram) or Anti-Human CD1a PE (purple histogram). Total viable cells, as determined by Fixable Viability Dye eFluor[®] 660, were used for analysis.

Product Information



Contents: Anti-Human CD1a PE

Catalog Number: 12-0019

Clone: HI149

Concentration: 5 μ L (0.5 μ g)/test

Host/Isotype: Mouse IgG1, kappa

HLDA Workshop: V 5T CD01.01



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

Contains sodium azide

Description

The HI149 monoclonal antibody reacts with human CD1a, a 49 kDa protein expressed by cortical thymocytes and dendritic cells including Langerhans cells. The CD1 family of proteins share some structural and functional characteristics with the MHC class I molecules; however, members of the CD1 family are not polymorphic. Similar to MHC class I, CD1a associates with the beta2-microglobulin and is thought to play a role in antigen presentation.

Applications Reported

The HI149 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This HI149 antibody has been pre-titrated and tested by flow cytometric analysis of MOLT-4 cells. This can be used at 5 μ L (0.5 μ g) per test. A test is defined as the amount (μ g)/test of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

References

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

Schlossman, S., L. Bloumsell, et al. eds (1995). Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press. New York.

Related Products

00-4222 Flow Cytometry Staining Buffer

12-4714 Mouse IgG1 K Isotype Control PE (P3.6.2.8.1)

65-0864 Fixable Viability Dye eFluor[®] 660

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