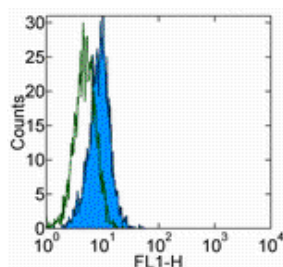


Anti-Human CD1a Alexa Fluor® 488

Catalog Number: 53-0019

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 Alexa Fluor® 488 (cat. 53-4714) (open histogram) or Anti-Human CD1a Alexa Fluor® 488 (filled histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Human CD1a Alexa Fluor® 488

REF Catalog Number: 53-0019

Clone: HI149

Concentration: 5 µL (0.5 µg)/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

This 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 µl (0.5 µg) per test. A test is defined as the amount (µg)/test 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 10⁵ to 10⁸ 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

53-4714 Mouse IgG1 K Isotype Control Alexa Fluor® 488 (P3.6.2.1)

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