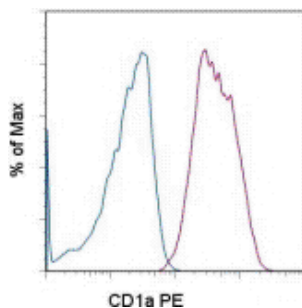


Anti-Human CD1a PE

Catalog Number: 12-0017

Also Known As: Leu-6, T6, R4

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



Staining of the MOLT-4 cell line with Mouse IgG2b kappa Isotype Control PE (cat. 12-4732) (blue histogram) or Anti-Human CD1a PE (purple histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Human CD1a PE


 Catalog Number: 12-0017

Clone: SK9


Concentration: 5 μ L (0.5 μ g)/test

Host/Isotype: Mouse IgG2b

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

 Caution, contains Azide

Description

The SK9 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 β 2-microglobulin and is thought to play a role in antigen presentation.

Applications Reported

This SK9 (SK-9) antibody has been reported for use in flow cytometric analysis.

Applications Tested

This SK9 (SK-9) 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

Schmitt, D., C. Dezutter-Dambuyant, et al. eds. (1986). Subclustering of CD1 Monoclonal Antibodies Based on the Reactivity on Human Langerhans Cells. Immunology Letters. France.

Related Products

12-4732 Mouse IgG2b K Isotype Control PE

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