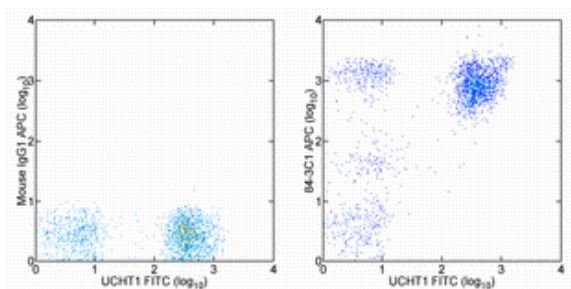


Anti-Human CD43 APC

Catalog Number: 17-0439

Also Known As: Leukosialin, LSN, Sialophorin, SPN

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



Staining of normal human peripheral blood cells with Anti-Human CD3 FITC (cat. 11-0038) and Mouse IgG1 kappa Isotype Control APC (cat. 17-4714) (left) or Anti-Human CD43 APC (right). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD43 APC


REF Catalog Number: 17-0439

Clone: eBio84-3C1 (84-3C1)


Concentration: 5 μ L (0.25 μ g)/test


Host/Isotype: Mouse IgG1

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.

LOT Batch Code: Refer to Vial

 Use By: Refer to Vial

 Caution, contains Azide

Description

The monoclonal antibody eBio84-3C1 reacts with CD43, which is also known as leukosialin, galactoglycoprotein and sialophorin. CD43 is a sialomucin which like many mucins can have both adhesive and anti-adhesive functions. Expression of CD43 is found on most leukocytes except resting B lymphocytes. Proteolytic processing upon activation decreases surface expression. CD43 is involved in activation of T cells, B cells, NK cells, and monocytes. The counter-receptor for CD43 is CD169/SIGLEC-1, which is expressed on macrophages.

Applications Reported

This eBio84-3C1 (84-3C1) antibody has been reported for use in flow cytometric analysis.

Applications Tested

This eBio84-3C1 (84-3C1) antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood monocytes. This can be used at 5 μ L (0.25 μ g) per test. A test is defined as the amount (μ g) 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

Borche L, Lozano F, Vilella R, Vives J. CD43 monoclonal antibodies recognize the large sialoglycoprotein of human leukocytes. *Eur J Immunol.* 1987 Oct;17(10):1523-6.

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

Related Products

11-0038 Anti-Human CD3 FITC (UCHT1)

17-4714 Mouse IgG1 K Isotype Control APC (P3.6.2.1)

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Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.eBioscience.com • info@eBioscience.com