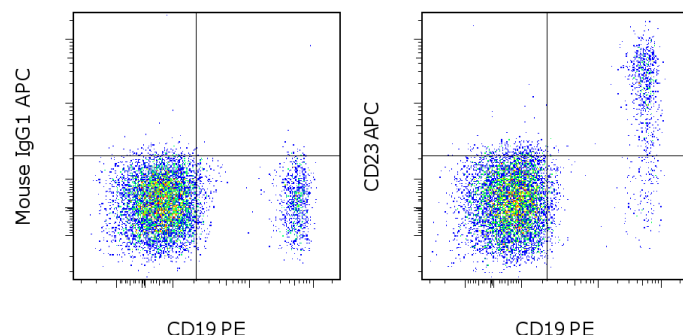


Anti-Human CD23 APC

Catalog Number: 17-0238

Also known as: Low Affinity IgE Receptor, FcεRII, FcεR2, IGEBF

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



Staining of normal human peripheral blood cells with Anti-Human CD19 PE (cat. 12-0199) and Mouse IgG1 K Isotype Control APC (cat. 17-4714) (left) or Anti-Human CD23 APC (right). Cells in the lymphocyte gate were used for analysis.

Product Information



Contents: Anti-Human CD23 APC

Catalog Number: 17-0238

Clone: EBVCS2

Concentration: 5 µL (0.125 µg)/test

Host/Isotype: Mouse IgG1, kappa

HLDA Workshop: N/A



LOT



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 EBVCS2 monoclonal antibody reacts with human CD23, a 45 kDa type II transmembrane glycoprotein. CD23 is expressed on mature B cells, mantle zone B cells, follicular dendritic cells and at low levels on T, NK, langerhans cells and platelets. Expression of CD23 is upregulated upon B cell activation, and soluble forms of the antigen have been reported to be biologically active. CD23 is a low affinity receptor for IgE and is thought to play a role in the regulation of IgE response and B cell activation. CD21 and the alpha subunit of CD11b and CD11c bind to CD23.

Applications Reported

This EBVCS2 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This EBVCS2 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 5 µL (0.125 µg) per test. A test is defined as the amount (µg) 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.

McMichael, A.J., P.C.L. Beverly, et al. eds. (1987). Leucocyte Typing III: White Cell Differentiation Antigens. Oxford University Press. New York.

Bernard, A., et al. eds. (1981). Leukocyte Typing. Springer-Verlag.

Related Products

12-0199 Anti-Human CD19 PE (HIB19)

17-4714 Mouse IgG1 K Isotype Control APC (P3.6.2.8.1)

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