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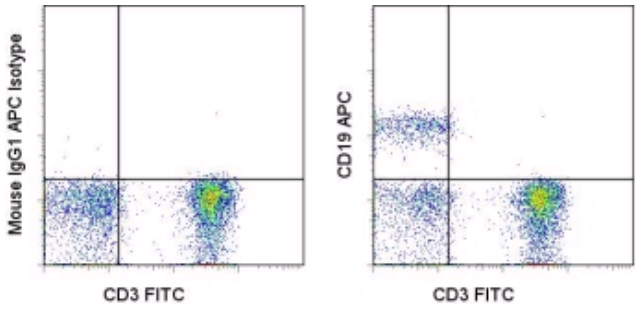
Anti-Human CD19 APC

Catalog Number: 17-0198
Also Known As:Leu-12
RUO: For Research Use Only



Staining of normal human peripheral blood cells with Anti-Human CD3 FITC (cat. 11-0038) and Mouse IgG1 κ Isotype Control APC (cat. 17-4714) (left) or Anti-Human CD19 APC (right). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD19 APC
REF Catalog Number: 17-0198
Clone: SJ25C1
Concentration: 5 µl (1.0 µg)/test
Host/Isotype: Mouse IgG1, κ

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

Description

The SJ25C1 monoclonal antibody reacts with human CD19, a 95 kDa transmembrane glycoprotein. CD19 is expressed by B cells during all stages of development excluding the terminally differentiated plasma cells. Follicular dendritic cells also express this molecule. CD19, along with CD21, CD81, Leu13, and MHC class II, form a multimolecular complex that associates with the BCR. Signaling through CD19 induces tyrosine phosphorylation, calcium flux and proliferation of B cells.

Applications Reported

This SJ25C1 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This SJ25C1 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 5 µl (1.0 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 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

17-0199 Anti-Human CD19 APC (HIB19)
17-4714 Mouse IgG1 K Isotype Control APC

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