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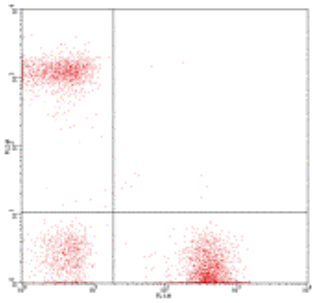
Anti-Human CD19 PE

Catalog Number: 12-0199
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 Anti-Human CD19 PE.

Product Information

Contents: Anti-Human CD19 PE
REF Catalog Number: 12-0199
Clone: HIB19
Concentration: 5 µL (0.25 µg)/test
Host/Isotype: Mouse IgG1, κ
HLDA Workshop: V CD19.11

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 HIB19 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 CD19. Together CD21, CD81, Leu13, MHC class II, and CD19 form a multimolecular complex that associates with BCR. Signaling through CD19 induces tyrosine phosphorylation, calcium flux and proliferation of B cells.

Applications Reported

The HIB19 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This HIB19 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (0.25 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

12-4714 Mouse IgG1 K Isotype Control PE

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