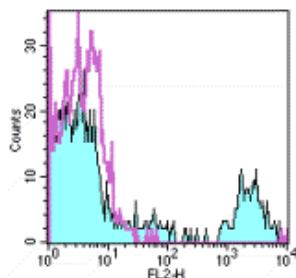


Anti-Human CD20 PE

Catalog Number: 12-0209

Also Known As: B1, Leu-16

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



Staining of normal human peripheral blood cells with Mouse IgG2b K Isotype Control PE (cat. 12-4732) (open histogram) or Anti-Human CD20 PE (filled histogram). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD20 PE

REF **Catalog Number:** 12-0209

Clone: 2H7

Concentration: 5 µL (0.06 µg)/test

Host/Isotype: Mouse IgG2b, kappa

HLDA Workshop: IV B201

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 2H7 monoclonal antibody reacts with human CD20, a 33-36 kDa transmembrane protein. CD20 is expressed by developing B cells as well as mature B cells but not plasma cells. CD20 has been detected at low levels on a small subset of mature T cells. It is suggested that CD20 plays a role in B-cell activation.

Applications Reported

The 2H7 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This 2H7 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 5 µL (0.06 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

Reinherz, E.L., et al. eds. 1985. Leukocyte Typing II (Vol. I, II, and III). Human Leukocyte Differentiation Antigens detected by Monoclonal Antibodies.

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

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

12-4732 Mouse IgG2b K Isotype Control PE

46-0198 Anti-Human CD19 PerCP-eFluor® 710 (SJ25C1)

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