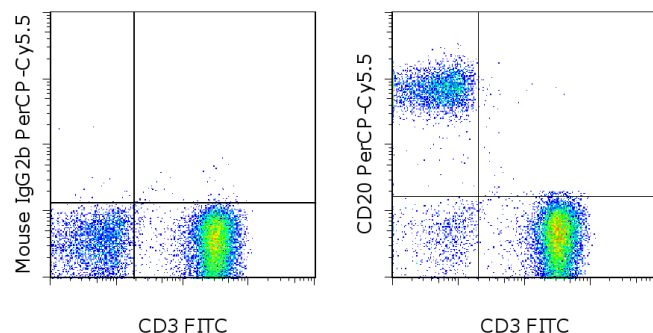


Anti-Human CD20 PerCP-Cyanine5.5

Catalog Number: 45-0209

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 Anti-Human CD3 FITC (cat. 11-0038) and Rat IgG2b K Isotype Control PerCP-Cyanine5.5 (cat. 45-4031) (left) or Anti-Human CD20 PerCP-Cyanine5.5 (right). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD20 PerCP-Cyanine5.5

Catalog Number: 45-0209

Clone: 2H7

Concentration: 5 μ L (0.25 μ g)/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

Contains sodium 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

This 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 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

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

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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

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00-4222 Flow Cytometry Staining Buffer

11-0038 Anti-Human CD3 FITC (UCHT1)

12-0199 Anti-Human CD19 PE (HIB19)

45-4732 Mouse IgG2b K Isotype Control PerCP-Cyanine5.5

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