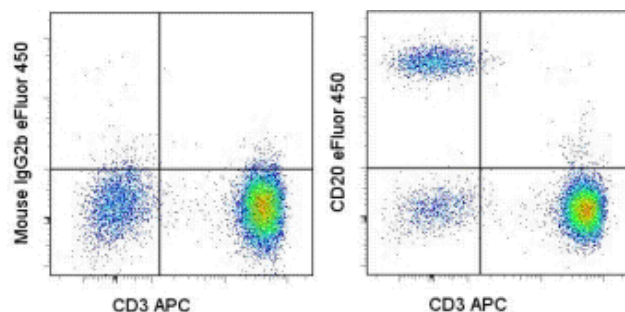


Anti-Human CD20 eFluor[®] 450

Catalog Number: 48-0209

Also Known As: B1, Leu-16

RUO: For Research Use Only



Staining of normal human peripheral blood cells with Anti-Human CD3 APC (cat. 17-0038) and Mouse IgG2b K Isotype Control eFluor[®] 450 (cat. 48-4732) (left) or Anti-Human CD20 eFluor[®] 450 (right). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD20 eFluor[®] 450

REF **Catalog Number:** 48-0209


Clone: 2H7

Concentration: 5 uL (0.5 ug)/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

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 normal human peripheral blood cells. This can be used at 5 µL (0.5 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.

eFluor[®] 450 is a replacement for Pacific Blue[®]. eFluor[®] 450 emits at 456 nm and is excited with the Violet laser (405 nm). Please make sure that your instrument is capable of detecting this fluorochoime.

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

17-0038 Anti-Human CD3 APC (UCHT1)

48-4732 Mouse IgG2b K Isotype Control eFluor[®] 450

93-0048 Anti-Human CD4 eFluor[®] 605NC (OKT4 (OKT-4))

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