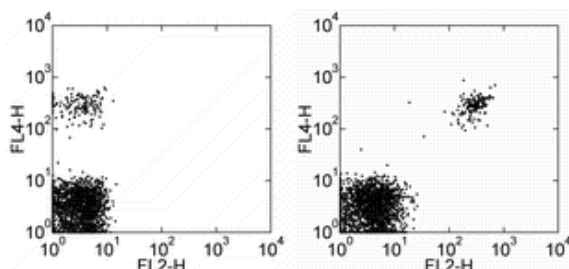


Anti-Human CD268 (BAFF Receptor) PE

Catalog Number: 12-9117

Also Known As: BR3, BLyS receptor 3, BAFF Receptor, TNFRSF13C

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



Staining of normal human peripheral blood cells with Anti-Human CD19 APC (cat. 17-0199) and Mouse IgG2a kappa Isotype Control PE (cat. 12-4724) (left) or Anti-Human CD268 (BAFF Receptor) PE (right). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD268 (BAFF Receptor) PE


REF **Catalog Number:** 12-9117

Clone: 8A7

Concentration: 5 µL (0.00375 µg)/test


Host/Isotype: Mouse IgG2a, kappa

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 8A7 monoclonal antibody reacts with the human BAFF receptor, also known as B lymphocyte stimulator (BLyS protein) receptor, which is expressed on B cells. The ligand for this receptor, BAFF (B cell-activating factor of the TNF family) is a B cell survival factor and regulates CD21/35 and CD23 expression. Interaction of this ligand with its receptor causes elevated CD21/35 and CD23 expression, whereas receptor blockade has been shown to down-modulate expression.

Applications Reported

The 8A7 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This 8A7 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 5 µL (0.00375 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

Nakamura, N., H. Hase, D. Sakurai, S. Yoshida, M. Abe, N. Tsukada, J. Takizawa, S. Aoki, M. Kojima, S. Nakamura, and Tetsuji Kobata. 2005. Expression of BAFF-R (BR3) in normal and neoplastic lymphoid tissues characterized with a newly developed monoclonal antibody, *Virchows Archiv.* 447: 53 - 60 [Cites use of 8A7 in IHC, flow cytometry, and Western blotting.]

Sakurai D, Kanno Y, Hase H, Kojima H, Okumura K, Kobata T. TACI attenuates antibody production costimulated by BAFF-R and CD40. *Eur J Immunol.* 2007 Jan;37(1):110-8. PubMed

Related Products

12-4724 Mouse IgG2a K Isotype Control PE

17-0199 Anti-Human CD19 APC (HIB19)

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