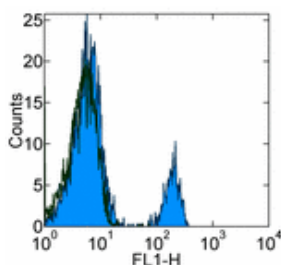


Anti-Human CD268 (BAFF Receptor) Purified

Catalog Number: 14-9117

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

RUO: For Research Use Only



Staining of normal human peripheral blood cells with Mouse IgG2a K Isotype Control Purified (cat. 14-4724) (open histogram) or Anti-Human CD268 (BAFF Receptor) Purified (filled histogram) followed by Anti-Mouse IgG FITC (cat. 11-4011). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD268 (BAFF Receptor) Purified


REF Catalog Number: 14-9117

Clone: 8A7

Concentration: 0.5 mg/ml


Host/Isotype: Mouse IgG2a, κ

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 Temperature Limitation: Store at 2-8°C.

LOT 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, immunoblotting (WB), and immunohistochemical staining. It has also been reported for use in functional assays. (Please use Functional Grade purified 8A7, cat. 16-9117, in functional assays.)

Applications Tested

The 8A7 antibody has been tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at less than or equal to 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 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

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. TAC1 attenuates antibody production costimulated by BAFF-R and CD40. *Eur J Immunol.* 2007 Jan;37(1):110-8. PubMed

Related Products

11-4011 Anti-Mouse IgG FITC

11-4317 Streptavidin FITC

12-4317 Streptavidin PE

13-4013 Anti-Mouse IgG Biotin (Polyclonal)

14-4724 Mouse IgG2a K Isotype Control Purified

17-4317 Streptavidin APC

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