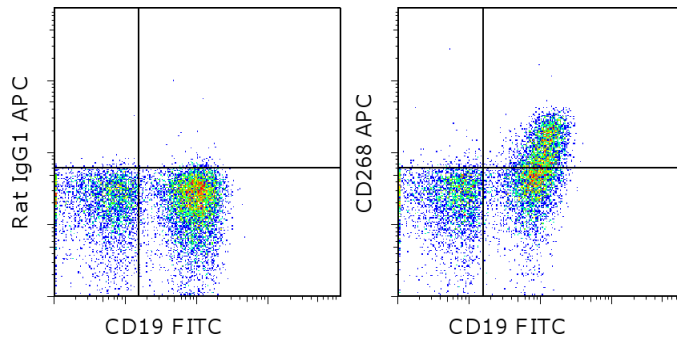


## Anti-Mouse CD268 (BAFF Receptor) APC

**Catalog Number:** 17-5943

**Also known as:** BAFFR, BAFF-R, TNFRSF13C, BCMD, BR3, BlySR3

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



Staining of C57Bl/6 splenocytes with Anti-Mouse CD19 FITC (cat. 11-0193) and 0.25 ug of Rat IgG1 kappa Isotype Control APC (cat. 17-4301) (left) or 0.25 ug of Anti-Mouse CD268 (BAFF Receptor) APC (right). Total viable cells were used for analysis.

### Product Information

**Contents:** Anti-Mouse CD268 (BAFF Receptor) APC

**Catalog Number:** 17-5943

**Clone:** eBio7H22-E16

**Concentration:** 0.2 mg/mL

**Host/Isotype:** Rat IgG1, 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

### Description

The monoclonal antibody eBio7H22.E16 reacts with mouse BAFF-Receptor, a type III transmembrane TNF receptor family member. BAFF-R was found to be the predominant BAFF receptor expressed on peripheral B cells, in both humans and mice. The receptor is found on the surface of all B220+ B cells found in spleen. BAFF-R is expressed on activated/memory subsets of T-cells and is important for splenic B cell maturation and survival and is a major mediator of BAFF- dependent costimulatory responses in peripheral B and T cells. BAFF-R can cause a high level of autoimmune disease and a defect in BAFF-R will cause a decrease in generating mature B-Cells The ligand for the BAFF-R is BAFF also known as BLyS.

### Applications Reported

This eBio7H22-E16 antibody has been reported for use in flow cytometric analysis.

### Applications Tested

This eBio7H22-E16 antibody has been tested by flow cytometric analysis of mouse splenocytes. 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 10<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

### References

Ng LG, Ng CH, Woehl B, Sutherland AP, Huo J, Xu S, Mackay F, Lam KP. BAFF costimulation of Toll-like receptor-activated B-1 cells. *Eur J Immunol.* 2006 Jul;36(7):1837-46. (7H22-E16, FC Pubmed)

Ng LG, Sutherland AP, Newton R, Qian F, Cachero TG, Scott ML, Thompson JS, Wheway J, Chtanova T, Groom J, Sutton IJ, Xin C, Tangye SG, Kalled SL, Mackay F, Mackay CR. B cell-activating factor belonging to the TNF family (BAFF)-R is the principal BAFF receptor facilitating BAFF costimulation of circulating T and B cells. *J Immunol.* 2004 Jul 15;173(2):807-17. (7H22-E16, FC PubMed)

Thompson JS, Bixler SA, Qian F, Vora K, Scott ML, Cachero TG, Hession C, Schneider P, Sizing ID, Mullen C,

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Strauch K, Zafari M, Benjamin CD, Tschopp J, Browning JL, Ambrose C. BAFF-R, a newly identified TNF receptor that specifically interacts with BAFF. *Science*. 2001 Sep 14;293(5537):2108-11

### Related Products

11-0193 Anti-Mouse CD19 FITC (eBio1D3 (1D3))

17-4301 Rat IgG1 K Isotype Control APC

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