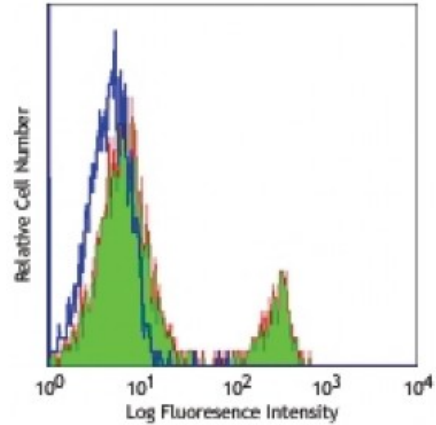


Purified anti-human CD268 (BAFF-R)

Catalog # / Size: 2184510 / 100 µg
Clone: 11C1
Isotype: Mouse IgG1, κ
Immunogen: BAFF-R-L1.2 transfectants
Reactivity: Human
Preparation: The antibody was purified by affinity chromatography.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration: 0.5



Human peripheral blood lymphocytes stained with purified 11C1, followed by anti-mouse IgG FITC

Applications:

Applications: Flow Cytometry, Immunohistochemistry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 0.25 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Pavlistova D, *et al.* 2003. *Immunol. Lett.* 88:105.

Description: B cell-activating factor receptor (BAFF-R) is a 19 kD type III membrane protein. It belongs to TNFR superfamily, also known as TNFRSF member 13C (TNFRSF13C), BAFF receptor 3 (BR3), or CD268. BAFF-R is expressed on mature B cells, B cell lymphoma, and T cell subset. BAFF-R is the major receptor for BAFF/BLys (or TALL-1, THANK) which binds to TACI and BCMA as well. The interaction of BAFF with BAFF-R promotes NF-κB activation and plays predominant roles in B-cell maturation and survival as well as costimulates T cell activation and proliferation. TRAF3 is a BAFF-R intracellularly associated protein, which negatively regulates BAFF-R-mediated NF-κB activation.

Antigen References: 1. Thompson JS, *et al.* 2001. *Science* 293:2108.
2. Ng LG, *et al.* 2004. *J. Immunol.* 173:807.
3. Rodig SJ, *et al.* 2005. *Human Pathol.* 36:1113.
4. Ye Q, *et al.* 2004. *Eur. J. I*