

PE anti-mouse CD268 (BAFF-R)

Catalog # / Size: 134103 / 25 µg
134104 / 100 µg

Clone: 7H22-E16

Isotype: Rat IgG1, κ

Immunogen: Mouse BAFF receptor transfected rat RBL cells

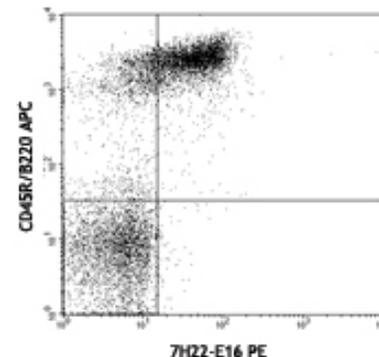
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.2 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



C57BL/6 mouse splenocytes stained with 7H22-E16 PE (upper) or rat IgG1 PE isotype control (lower panel) and CD45R/B220 APC

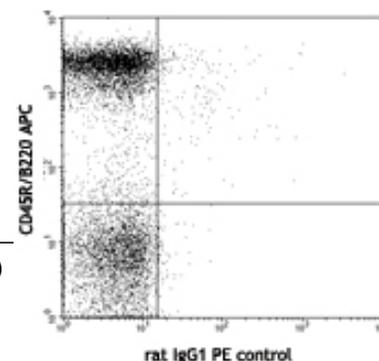
Applications:

Applications: FC - Quality tested

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

Application References:

1. Ng LG, *et al.* 2006. *Eur. J. Immunol.* 36:1837.
2. Ng LG, *et al.* 2004. *J Immunol.* 173:807.
3. Batten M, *et al.* 2000. *J. Exp. Med.* 192:1453.
4. Fu L, *et al.* 2009. *Blood* 113:4627.



Description: BAFF (B cell-activating factor belonging to the TNF family) receptor (BAFF-R) is one of the three receptors that bind to BAFF. It is a type III transmembrane TNF receptor family member. BAFF-R is expressed at high levels in resting B cells and at lower levels in activated B cells, a small subset of activated/memory CD4⁺ T cells. It is a major mediator of BAFF dependent co-stimulatory response in peripheral B and T cells. It was reported that the mice expressing defective BAFF-R have disrupted B cell maturation. BAFF receptor appears to be particularly important for the regulation of normal B cell survival and maturation, as well as in the pathophysiology of aggressive B-cell malignancies and autoimmune diseases.

Antigen References:

1. Thompson JS, *et al.* 2001. *Science* 293:2108.
2. Schiemann B, *et al.* 2001. *Science* 293:2111.
3. Batten M, *et al.* 2000. *J. Exp. Med.* 192:1453.
4. Fu L, *et al.* 2009. *Blood* 113:4627.

Related Products:

Product	Clone	Application
PE Rat IgG1, κ Isotype Ctrl	RTK2071	FC, ICFC
Cell Staining Buffer		FC, ICC, ICFC
RBC Lysis Buffer (10X)		FC, ICFC
TruStain fcX™ (anti-mouse CD16/32)	93	FC



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