

Product Data Sheet

PE anti-mouse CD267 (TACI)

Catalog # / Size: 133403 / 50 µg
133404 / 200 µg

Clone: 8F10

Isotype: Rat IgG2a, κ

Immunogen: Rat RBL transfected cell line

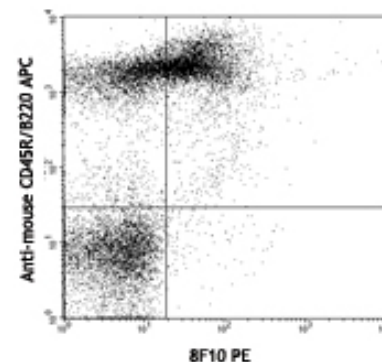
Reactivity: Mouse

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 splenocytes stained with 8F10 PE and RA3-6B2 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 ≤1.0 µg per 10⁶ cells in 100 µl. It is recommended that the reagent be titrated for optimal performance for each application.

Application References:

1. Siegel RM, *et al.* 2001. *Nat. Immunol.* 2:577.
2. Von Bulow GU, *et al.* 1997. *Science* 278:138.
3. Yan M, *et al.* 2001. *Nat. Immunol.* 2:638.
4. Diaz-de-Durana Y, *et al.* 2006. *Blood* 107:594.
5. Moir S, *et al.* 2012. *Blood*. 120:4850. PubMed.

Description: Transmembrane Activator and CAML Interactor (TACI) is a tumor necrosis factor receptor superfamily (TNFSF) member. It is a type III transmembrane protein sharing a high degree of homology with B cell maturation antigen (BCMA) among TNFSF members. It binds to the ligands BAFF (BLyS) and APRIL. CD267 appears to be particularly important for the regulation of B cell survival and maturation in the spleen. It is a major mediator of BAFF-dependent costimulatory responses in peripheral B cells. Signaling through TACI may serve to down-regulate B cell activity as well. The actual role for TACI in the mouse has still not been fully determined.

Antigen References: 1. Ng LG, *et al.* 2004. *J. Immunology.* 173:807.

Related Products:

Product PE Rat IgG2a, κ Isotype Ctrl

Cell Staining Buffer

RBC Lysis Buffer (10X)

TruStain fcX™ (anti-mouse CD16/32)

Clone

RTK2758

93

Application

FC, ICFC

FC, ICC, ICFC

FC, ICFC

FC



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