

Purified anti-mouse CD267 (TACI)

Catalog # / Size: 133402 / 500 µg

Clone: 8F10

Isotype: Rat IgG2a, κ

Immunogen: Rat RBL transfected cell line

Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography.

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

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.

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 $\leq 1 \mu\text{g}$ per 10^6 cells in 100 µl volume. 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.

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
Purified Rat IgG2a, κ Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)

Clone
RTK2758

Application
FC, ICC, IF, IHC, IP, WB
FC, ICC, ICFC
FC, ICFC



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