

# Rabbit anti-Mouse TACI/TNFRSF13B (DET)

**Catalog No.:** RMK0288

## Basic Information

**Catalog No.**  
RMK0288

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**

**Storage**  
Store at -20°C.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2 µm filtered solution in PBS with 0.05% Proclin 300, PH 7.4.

## Contact

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## Background

Transmembrane activator and CAML interactor (TACI), also known as TNF receptor super family member 13B (TNFRSF13B), is a transmembrane receptor expressed primarily in mature B cells and is a regulator of B-cell homeostasis and immune response. Specifically, TACI binds both a proliferation-inducing ligand (APRIL) and B cell activating factor of the tumor necrosis factor family (BAFF) similarly with high affinity. Taci<sup>-/-</sup> mice have demonstrated that inadequate TACI signaling promotes the development of autoimmune diseases. This assay recognizes the extracellular N-terminus of TACI. Within the TNFRSF, it shares the highest homology with BCMA. TACI and BCMA both bind APRIL and BLYS/BAFF, members of the TNF superfamily. TACI is expressed on the cell surface of B cells and activated, but not resting, T cells. Human and mouse TACI share 54% amino acid sequence identity. Receptor for TNFSF13/APRIL and TNFSF13B/TALL1/BAFF/BLYS that binds both ligands with similar high affinity. Mediates calcineurin-dependent activation of NF-AT, as well as acti...

## Immunogen Information

**Immunogen**  
Recombinant Mouse TACI/TNFRSF13B

## Cross-Reactivity

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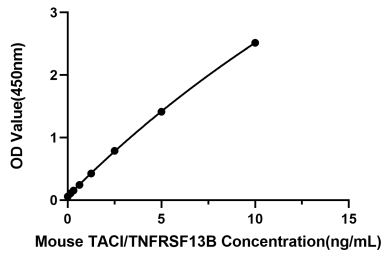
## Assay Applications

Mouse TACI/TNFRSF13B Sandwich ELISA Immunoassay

|                 | Recommended Concentration | Sample   |
|-----------------|---------------------------|--|
| ELISA Capture   | 0.5-2 µg/mL               | Rabbit anti-Mouse TACI/TNFRSF13B (CAP)(Cat. No. RMK0287) |
| ELISA Detection | 0.0167-0.066 µg/mL        | Rabbit anti-Mouse TACI/TNFRSF13B (DET)(Cat. No. RMK0288) |
| Standard        | 0.16-10 ng/mL             | Recombinant Mouse TACI/TNFRSF13B Protein                 |

## Validation Data

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This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.