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Rabbit anti-Mouse TACI/TNFRSF13B (CAP)

Catalog No.: RMK0287

Basic Information

Catalog No.
RMK0287

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20℃
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−/−mice have demonstrated that inadequate TACI signaling promotes the development of autoimmune diseases. This assay recognizesthe 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

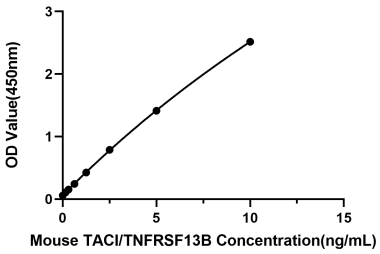
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Assay Applications

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



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