

## Mouse TNFRSF13B,TACI ELISA Kit

Catalog No: #EK5495

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## Description

Product Name	Mouse TNFRSF13B,TACI ELISA Kit
Specificity	Mouse
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	NSO,A2-C128
Other Names	Tumor necrosis factor receptor superfamily member 13B; Transmembrane activator and CAML interactor; CD267; Tnfrsf13b; Taci;
Accession No.	Q9ET35
Uniprot	Q9ET35
GeneID	57916;
Cell Localization	Membrane; Single-pass type III membrane protein.

## Application Details

sensitivity:10pg mlDetect Range:46.9pg ml-3000pg ml  
sample\_type:cell culture supernates cell lysates tissue homogenates serum and plasma (heparin EDTA).  
capture\_antibody:monoclonal antibody from ratdetection\_antibody:polyclonal antibody from goat  
gene\_name:TNFRSF13Bprotein\_name:Tumor necrosis factor receptor superfamily member 13B  
gene\_full\_name:Tumor necrosis factor receptor superfamily member 13B  
tissue\_specificity:sequence\_similarities:tmb\_incubation:25-30minresearch\_category:Nothing Found

## Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Mouse TNFRSF13B,TACI

## Background

protein\_function: 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 activation of NF-kappa-B and AP-1. Involved in the stimulation of B- and T-cell function and the regulation of humoral immunity (By similarity). Tumor necrosis factor receptor superfamily member 13B, also known as TNFRSF13B or more commonly as TACI, is a transmembrane receptor protein found predominantly on the surface of B cells, which are an important part of the immune system. TACI controls T cell-independent B cell antibody responses, isotype switching, and B cell homeostasis. TACI is a lymphocyte-specific member of the tumor necrosis factor (TNF) receptor superfamily. It was originally discovered because of its ability to interact with calcium-modulator and cyclophilin ligand (CAML). TACI was later found to play a crucial role in humoral immunity by interacting with two members of the TNF family: BAFF and APRIL. These proteins signal through TACI inducing activation of several transcription factors including NFAT, AP-1, and NF-kappa-B which then modulate cellular activities. Defects in the function of TACI can lead to immune system diseases.

Note: This product is for in vitro research use only