

## Datasheet for ABIN6719841 **TNFRSF1B ELISA Kit**



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### 1 Image

#### Overview

|                          |                         |
|--------------------------|-------------------------|
| Quantity:                | 1 kit                   |
| Target:                  | TNFRSF1B                |
| Reactivity:              | Mouse                   |
| Method Type:             | Sandwich ELISA          |
| Detection Range:         | 15.6 pg/mL - 1000 pg/mL |
| Minimum Detection Limit: | 15.6 pg/mL              |
| Application:             | ELISA                   |

#### Product Details

|                    |   |
|--------------------|---|
| Purpose:           | Sandwich ELISA for Quantitative Detection of Antigen  |
| Sample Type:       | Cell Culture Supernatant, Serum   |
| Analytical Method: | Quantitative  |
| Detection Method:  | Colorimetric  |
| Characteristics:   | <p>Synonyms: CD120b, Etanercept, p75, p80 TNF alpha receptor, TBP2, TBPII, TNF R2, TNFBR, TNFR-II, TNFR2, TNFR1I, Tumor necrosis factor binding protein 2, Tumor necrosis factor receptor 2, Tumor necrosis factor receptor superfamily member 1B, Tumor necrosis factor receptor superfamily member 1b, membrane form, Tumor necrosis factor receptor type II</p> <p>Background: Tumor necrosis factor receptor 2(TNFR2) is one of receptors of TNF. TNF has proinflammatory and immunosuppressive properties that may segregate at the level of the 2 TNF receptors(TNFRs), TNFR1 and TNFR2. The genes for TNFR1, a 55- kDa protein, and TNFR2, a 70- kDa protein, have been mapped to human chromosomes 12(12pter-cen) and</p> |

## Product Details

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1(1pter-p32), respectively. TNFR2 was induced on glomerular endothelial cells of nephritic kidneys, and TNFR2 expression on intrinsic cells, but not leukocytes, was essential for glomerulonephritis and glomerular complement deposition. TNFR1 promotes systemic immune responses and renal T cell death, while intrinsic cell TNFR2 plays a critical role in complement-dependent tissue injury. Therefore, therapeutic blockade specifically of TNFR2 may be a promising strategy in the treatment of immune-mediated glomerulonephritis.

Gene Name: TNFRSF1B

Production: Natural and recombinant mouse TNFR2. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: V23-G258

## Target Details

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|                   |  |
|-------------------|--|
| Target:           | TNFRSF1B   |
| Alternative Name: | TNFR2 ( <a href="#">TNFRSF1B Products</a> )  |
| Gene ID:          | 21938  |
| NCBI Accession:   | <a href="#">NP_035740</a>  |
| UniProt:          | <a href="#">P25119</a>   |
| Pathways:         | <a href="#">NF-kappaB Signaling</a> , <a href="#">Apoptosis</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Hepatitis C</a> , <a href="#">Ubiquitin Proteasome Pathway</a> |

## Application Details

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Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL, 15.6pg/mL mouse TNFR2 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of mouse cell culture supernates or serum to each empty well. It is recommended that each mouse TNFR2 standard solution and each sample be measured in duplicate.

ELISA Dilution: 15.6pg/mL-1000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

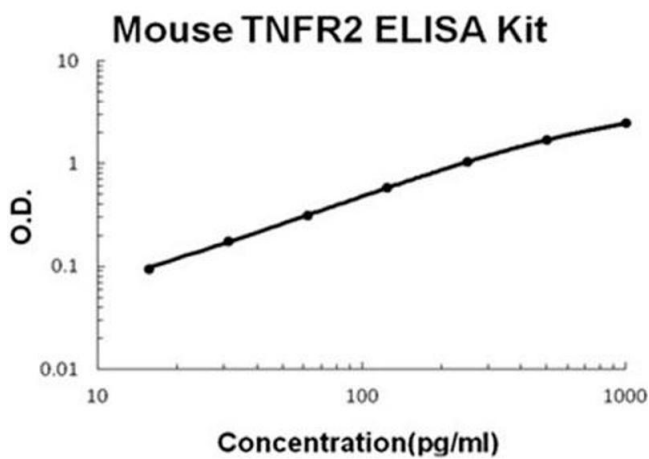
Restrictions: For Research Use only

## Handling

Storage: RT, 4 °C, -20 °C

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

## Images



### ELISA

**Image 1.** Mouse TNFR2 Accusignal ELISA Kit Mouse TNFR2 AccuSignal ELISA Kit standard curve. Assay Range: 15.6pg/ml-1000pg/ml. Sensitivity: <1pg/ml.