.-online.com antibodies

Datasheet for ABIN6720238 TNFRSF18 ELISA Kit

Image



Overview

| Quantity: | 1 kit |
|--------------------------|-------------------------|
| Target: | TNFRSF18 |
| Reactivity: | Human |
| Method Type: | Sandwich ELISA |
| Detection Range: | 62.5 pg/mL - 4000 pg/mL |
| Minimum Detection Limit: | 62.5 pg/mL |
| Application: | ELISA |

Product Details

| Purpose: | Sandwich ELISA for Quantitative Detection of Antigen |
|--------------------|---|
| Sample Type: | Cell Culture Supernatant, Plasma (EDTA - heparin), Serum |
| Analytical Method: | Quantitative |
| Detection Method: | Colorimetric |
| Characteristics: | Synonyms: Activation inducible TNFR family receptor, AITR, GITR, GITR D, Glucocorticoid induced TNFR related protein, Tumor necrosis factor receptor superfamily member 18 Background: Tumor necrosis factor receptor superfamily member 18(TNFRSF18), also called GITR or AITR is a protein that in humans is encoded by the TNFRSF18 gene. This gene is mapped to 1p36.33. This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also suggest the role of this |

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6720238 | 09/10/2023 | Copyright antibodies-online. All rights reserved. receptor is in the regulation of CD3-driven T-cell activation and programmed cell death. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. Gene Name: TNFRSF18 Production: Natural and recombinant human TNFRSF18. There is no detectable cross-reactivity with other relevant proteins. Standard: Expression system for standard: NSO, Immunogen sequence: Q26-E161

Target Details

| Target: | TNFRSF18 |
|-------------------|-------------------------------------|
| Alternative Name: | TNFRSF18 - GITR (TNFRSF18 Products) |
| Gene ID: | 8784 |
| NCBI Accession: | NP_004186 |
| UniProt: | Q9Y5U5 |
| Pathways: | Cancer Immune Checkpoints |

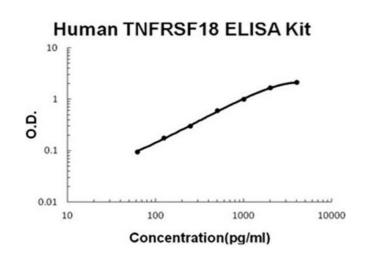
Application Details

| Storage: | RT,4 °C,-20 °C |
|--------------------|---|
| Handling | |
| Restrictions: | For Research Use only |
| Plate: | Pre-coated |
| Sample Volume: | 100 μL |
| | ELISA Dilution: 62.5pg/mL-4000pg/mL |
| | Blood Product Anticoagulant: Heparin Sodium |
| | be measured in duplicate. |
| | empty well. It is recommended that each human TNFRSF18 standard solution and each sample |
| | diluted sample of human cell culture supernates, serum or plasma(heparin, EDTA) to each |
| | of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly |
| | 62.5pg/mL human TNFRSF18 standard solutions into the precoated 96-well plate. Add 0.1 mL |
| | 0.1 mL per well of the 4000pg/mL, 2000pg/mL,1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, |
| Application Notes: | Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot |

rder at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.tr | www.antibodies-online.com International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6720238 | 09/10/2023 | Copyright antibodies-online. All rights reserved. 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. Human TNFRSF18/GITR Accusignal ELISA KitHuman TNFRSF18/GITR AccuSignal ELISA Kit standardcurve.AssayRange: 62.5pg/ml-4000pg/ml. Sensitivity: <10pg/ml.</td>