

Datasheet for ABIN6719865
TNFRSF8 ELISA Kit



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1 Image

Overview

| | |
|--------------------------|-------------------------|
| Quantity: | 1 kit |
| Target: | TNFRSF8 |
| 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: CD 30, CD153, CD30, CD30 antigen, CD30L receptor, Cytokine receptor CD30, D1S166E, Ki 1, Ki 1 antigen, Ki-1 antigen, KI1, Lymphocyte activation antigen CD30, TNFRSF 8, TNFRSF8, TNFRSF8, TNR8_HUMAN, Tumor Necrosis Factor Receptor Superfamily Member 8, Tumor Necrosis Factor Receptor Superfamily Member 8</p> <p>Background: CD30, also known as TNFRSF8, is a cell membrane protein of the tumor necrosis factor receptor family and tumor marker. This receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. This gene is mapped to 1p36.22. CD30 is expressed in</p> |

Product Details

embryonal carcinoma but not in seminoma and is thus a useful marker in distinguishing between these germ cell tumors. CD30 mast cell activation represents an IgE-independent activation pathway, which is important for understanding cutaneous inflammation associated with mast cells. In addition to those, CD30 is also associated with anaplastic large cell lymphoma.

Gene Name: TNFRSF8

Production: Natural and recombinant mouse CD30. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: F19-T281

Target Details

Target: TNFRSF8

Alternative Name: CD30 ([TNFRSF8 Products](#))

Gene ID: 21941

NCBI Accession: [NP_033427](#)

UniProt: [Q60846](#)

Application Details

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 CD30 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 CD30 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

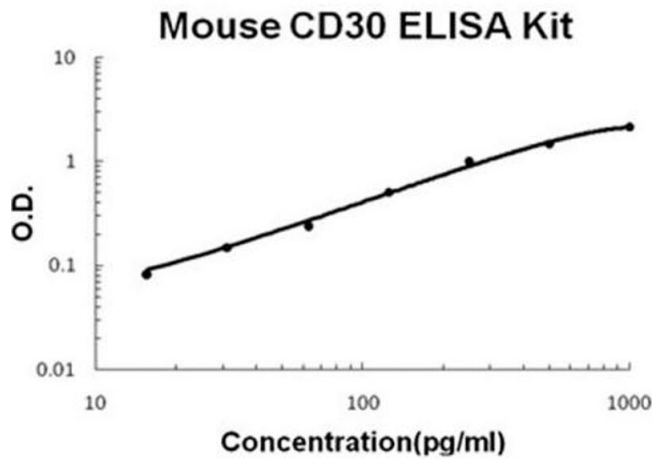
Storage: RT, 4 °C, -20 °C

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at

Handling

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 CD30 Accusignal ELISA Kit Mouse CD30 AccuSignal ELISA Kit standard curve. Assay Range: 15.6pg/ml-1000pg/ml. Sensitivity: <10pg/ml.