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Datasheet for ABIN6720241 CD200 ELISA Kit

Overview

Quantity:	1 kit
Target:	CD200
Reactivity:	Mouse
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:	<p>Synonyms: antigen identified by monoclonal antibody MRC OX-2, CD_antigen=CD200, CD200 antigen, MOX1, MOX2, MRC OX-2 antigen, My033, OX-2 membrane glycoprotein</p> <p>Background: OX-2 membrane glycoprotein, also known as CD200 is a human protein encoded by the CD200 gene. This gene is mapped to 3q13.2. The protein encoded by this gene is a type-1 membrane glycoprotein, which contains two immunoglobulin domains, and thus belongs to the immunoglobulin superfamily. Studies of the related genes in mouse and rat suggest that this gene may regulate myeloid cell activity and delivers an inhibitory signal for the macrophage lineage in diverse tissues. It is suggested that CD200-CD200R signaling plays a central role in</p>
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Product Details

macrophage fusion and osteoclast formation.

Gene Name: CD200

Production: Natural and recombinant mouse CD200. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: Q31-G232

Target Details

Target: CD200

Alternative Name: CD200 ([CD200 Products](#))

Gene ID: 17470

NCBI Accession: [NP_034948](#)

UniProt: [O54901](#)

Application Details

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL mouse CD200 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, serum or plasma (heparin, EDTA) to each empty well. It is recommended that each mouse CD200 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 62.5pg/mL-4000pg/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.