Datasheet for ABIN6719873

CD86 ELISA Kit

1 Image

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Overview

Quantity:	1 kit
Target:	CD86
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, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	Synonyms: Activation B7 2 antigen, B7 2, B70, B72, BU63, CD28LG2, CD86 antigen (CD28 antigen ligand 2 B7 2 antigen), CD86 Molecule, CTLA 4 counter receptor B7.2, FUN 1, FUN1, T lymphocyte activation antigen CD86 precursor Background: Cluster of Differentiation 86 (also known as CD86 and B7-2) is aprotein expressed on antigen-presenting cells that provides costimulatory signals necessary for T cell activation and survival. The CD86 gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. Using fluorescence in situ hybridization mapping, the CD86, like CD80, was mapped to human 3q21 and mouse chromosome 16, band B5. The antigen

Product Details

	presentation coactivators B71 and B72, which are important in other immune-mediated thyroid diseases, are important for lymphocytic infiltration and the immune response against thyroid carcinoma. Gene Name: CD86 Production: Natural and recombinant mouse CD86. There is no detectable cross-reactivity with other relevant proteins. Standard: Expression system for standard: NSO, Immunogen sequence: V26-G245

Target Details

Target:	CD86
Alternative Name:	CD86 - B7-2 (CD86 Products)
Gene ID:	12524
NCBI Accession:	NP_062261
UniProt:	P42082
Pathways:	TCR Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Immune Effector Process, Activated T Cell Proliferation

Application Details

Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL,1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL mouse CD86 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 CD86 standard solution and each sample be measured in duplicate. ELISA Dilution: 62.5pg/mL-4000pg/mL
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

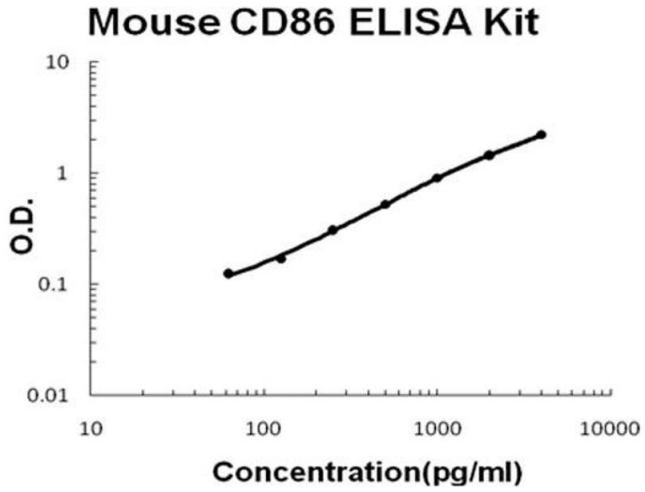
Handling

Storage:	RT,4 °C,-20 °C

Handling

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 CD86/B7-2 Accusignal ELISA Kit Mouse CD86/B7-2 AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/ml. Sensitivity: <10pg/ml.