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# Datasheet for ABIN7092898 anti-ICOSLG antibody (AA 19-256)

2 Images



#### Overview

Quantity:	100 µg
Target:	ICOSLG
Binding Specificity:	AA 19-256
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This ICOSLG antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS)

# Product Details

Immunogen:	Recombinant human B7-H2 (Asp19-Thr256) (ABIN6961102) produced by using human HEK293 cells
Clone:	DM97
lsotype:	lgG
Purification:	Purified from cell culture supernatant by affinity chromatography

## Target Details

Target:	ICOSLG
Alternative Name:	B7-H2 (ICOSLG Products)
Background:	Synonyms:ICOSLG, B7-H2, B7H2, B7RP-1, B7RP1, CD275, GL50, ICOS-L, ICOSL, LICOS, ICOS

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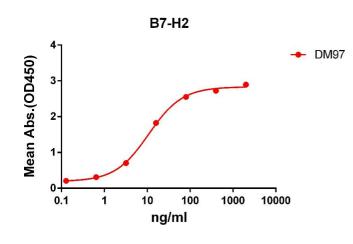
	ligand Description:Inducible co-stimulator ligand (ICOSL), also known as B7-H2, is a member of the B7 family of co-stimulatory molecules related to B7-1 and B7-2.The protein is the ligand for the T- cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion
Molecular Weight:	33.3kDa
Gene ID:	23308
UniProt:	075144
Pathways:	Production of Molecular Mediator of Immune Response, Activated T Cell Proliferation
Application Details	
Application Notes:	ELISA 1/5000-10000,Flow Cyt 1/100
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.,0.1 % Procline 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for

use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient temperature.

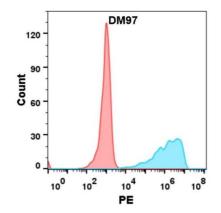
Expiry Date:

12 months



### ELISA

**Image 1.** ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human B7-H2 protein, mFc-His tagged protein ((ABIN6961102, ABIN7042233 and ABIN7042234)) can bind Rabbit anti-B7-H2 monoclonal antibody(clone: DM97) in a linear range of 3.2-80 ng/mL.



#### **Flow Cytometry**

**Image 2.** Flow cytometry analysis with Anti-B7-H2 (DM97) on Expi293 cells transfected with human B7-H2 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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