Cat. No. DME100098



PRODUCT INFORMATION

Clone ID **DM98** B7-H2 **Target**

ICOSLG; B7-H2; B7H2; B7RP-1; B7RP1; CD275; **Synonyms**

GL50; ICOS-L; ICOSL; LICOS; ICOS ligand

Host Species

Description Anti-B7-H2 antibody(DM98); Rabbit mAb

Delivery In Stock **Uniprot ID** 075144 Rabbit IgG IgG type Clonality Monoclonal Reactivity Human

Applications ELISA; Flow Cyt

Recommended

Storage & Shipping

ELISA 1:5000-10000; Flow Cyt 1:100 **Dilutions**

Purified from cell culture supernatant by affinity **Purification**

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

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

témperature.

Inducible co-stimulator ligand (ICOSL); also known as B7-H2; is a member of the B7 family of costimulatory molecules related to B7-1 and B7-2. The protein is the ligand for the T-cellspecific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion; induces also B-cell proliferation and differentiation into plasma cells.

Background

Could play an important role in mediating local tissue responses to inflammatory conditions; as well as in modulating the secondary immune response by co-stimulating memory T-cell

function.

Usage Research use only

Conjugate Unconjugated

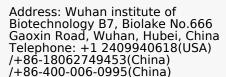
> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are

actively scrutinizing all patent application to

ensure no IP infringement.



Email: info@dimabio.com Website: www.dimabio.com



DIMA Disclaimer





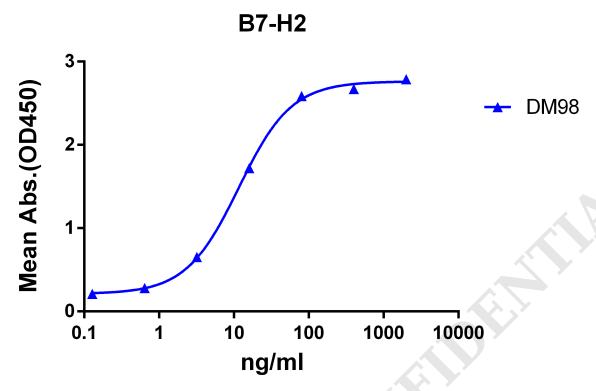


Figure 1. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human B7-H2 protein, mFc-His tagged protein PME100029 can bind Rabbit anti-B7-H2 monoclonal antibody (clone: DM98) in a linear range of 3.2-80 ng/ml.

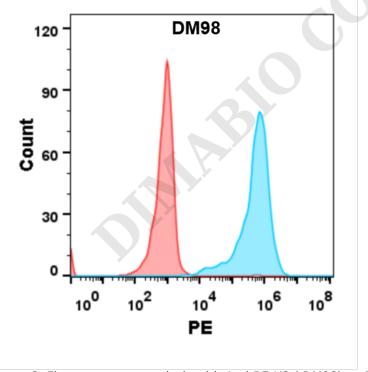


Figure 2. Flow cytometry analysis with Anti-B7-H2 (DM98) on Expi293 cells transfected with human B7-H2 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

Email: info@dimabio.com Website: www.dimabio.com





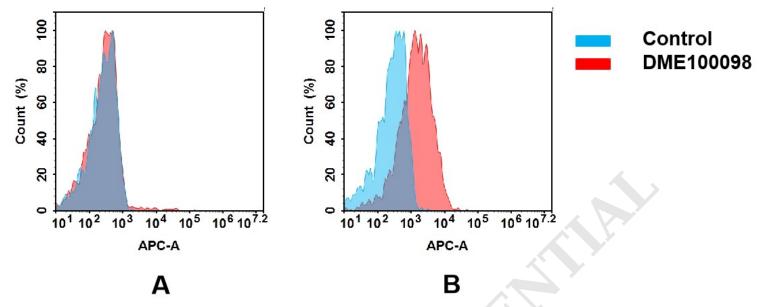


Figure 3. Flow cytometry analysis of antigen binding of rabbit anti-human B7-H2 mAb(DME100098). (A) DME100098 does not bind to Jurkat cells that do not express B7-H2. (B) A clear peak shift of DME100098 was seen compared to the control when incubated with B7-H2-expressing Raji cells, indicating strong binding of DME100098 to B7-H2. Antibodies were incubated at 5 μ g/mL.



