

## B7-H2 (DM99) RABBIT MAB

**Cat.#:** 28440

**Product Name:** Anti-B7-H2(DM99) Rabbit Monoclonal Antibody

**Synonyms:** ICOSLG; B7-H2; B7H2; B7RP-1; B7RP1; CD275; GL50; ICOS-L; ICOSL; LICOS; ICOS ligand

**Description:** Anti-B7-H2 antibody(DM99) Rabbit Monoclonal Antibody

**Background:** 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; induces also B-cell proliferation and differentiation into plasma cells. 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.

**Applications:** ELISA; Flow Cyt

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

**Host Species:** Rabbit

**Isotype:** Rabbit IgG

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

**Species Reactivity:** Human B7-H2

**Constituents:** Lyophilized from sterile PBS, pH 7.4. 5% - 8% trehalose is added as protectants before lyophilization.

**Storage & Shipping:** 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).

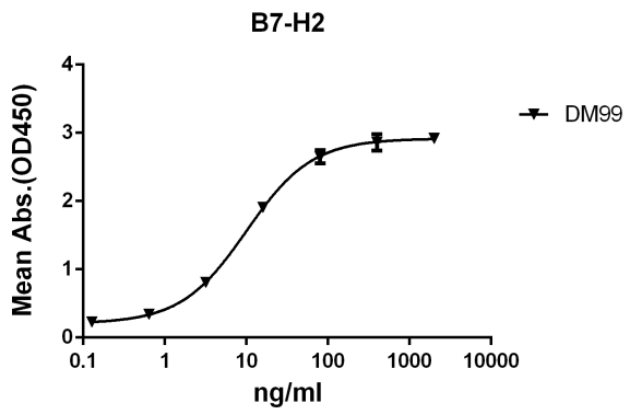


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human B7-H2 protein, mFc-His tagged protein 11157 can bind Rabbit anti-B7-H2 monoclonal antibody (clone: DM99) in a linear range of 3.2-80 ng/ml.

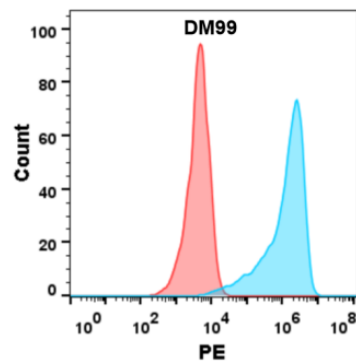


Figure 2. Flow cytometry analysis with Anti-B7-H2 (DM99) on Expi293 cells transfected with human B7-H2 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).