B7-H2 (DM98) RABBIT MAB

Cat.#: 28438
Product Name: Anti-B7-H2(DM98) Rabbit Monoclonal Antibody
Synonyms: ICOSLG; B7-H2; B7H2; B7RP-1; B7RP1; CD275; GL50; ICOS-L; ICOSL; LICOS; ICOS ligand
Description: Anti-B7-H2 antibody(DM98) 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).

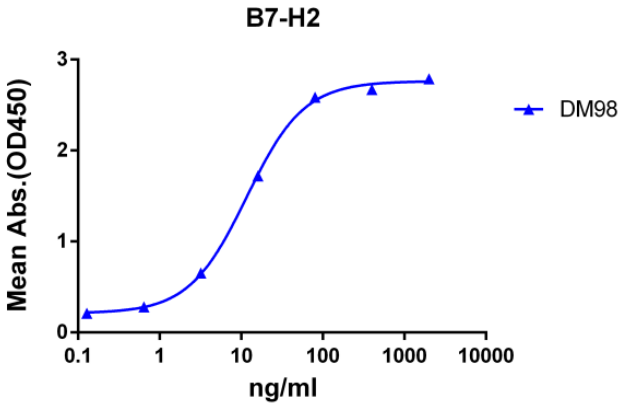

Figure 1. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human B7-H2 protein, mFc-His tagged protein 11157 can bind Rabbit anti-B7-H2 monoclonal antibody (clone: DM98) in a linear range of 3.2-80 ng/ml.

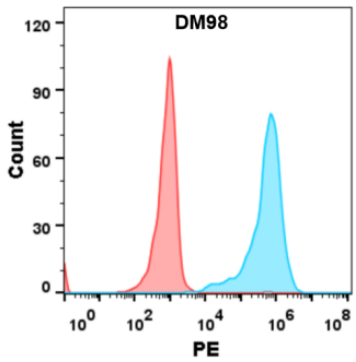

Figure 2. Flow cytometry analysis with Anti-B7-H2 (DM98) on Expi293 cells transfected with human B7-H2 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).