Anti-B7-H2 antibody(DM99); Rabbit mAb

Cat. No. DME100099

PRODUCT INFORMATION

Clone ID	**Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806** DM99
Target	B7-H2
Synonyms	ICOSLG; B7-H2; B7H2; B7RP-1; B7RP1; CD275; GL50; ICOS-L; ICOSL; LICOS; ICOS ligand
Host Species	Rabbit
Description	Anti-B7-H2 antibody(DM99); Rabbit mAb
Delivery	In Stock
Uniprot ID	O75144
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	ELISA; Flow Cyt
Recommended Dilutions	ELISA 1:5000-10000; Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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). Lyophilized proteins are shipped at ambient temperature.
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.
Usage	Research use only
Conjugate	Unconjugated
DIMA Disclaimer	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 scr

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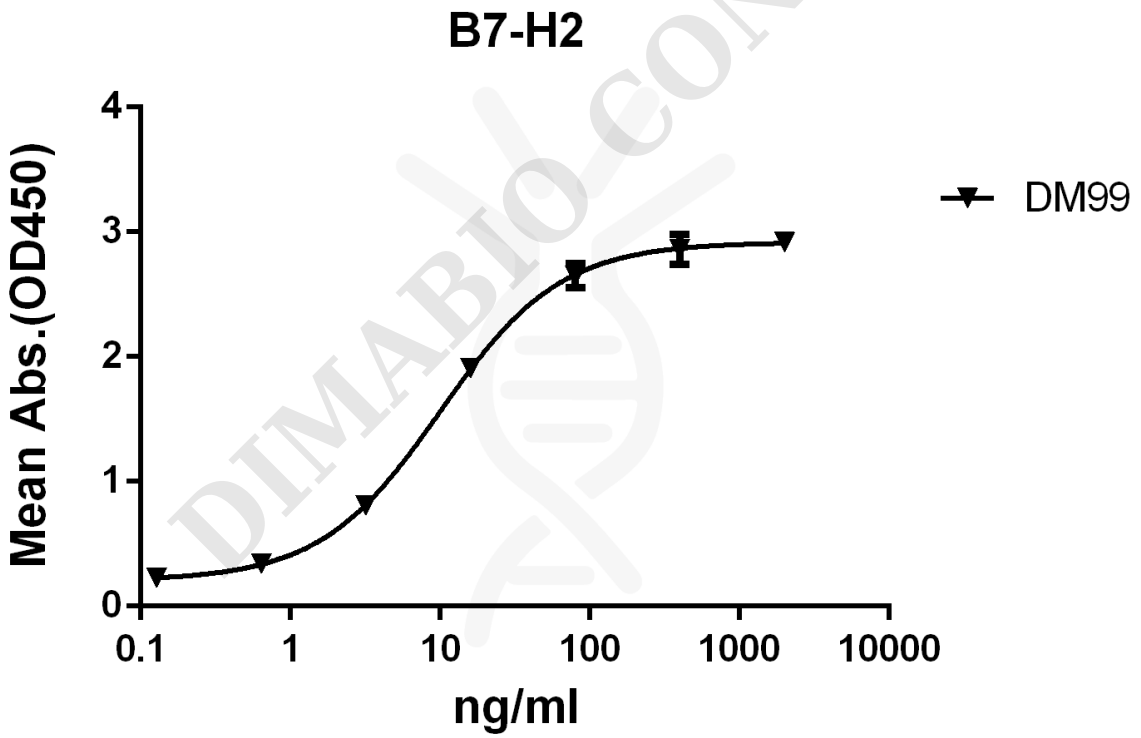


Figure 1. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human B7-H2 protein, mFc-His tagged protein PME100029 can bind Rabbit anti-B7-H2 monoclonal antibody (clone: DM99) in a linear range of 3.2-80 ng/ml.

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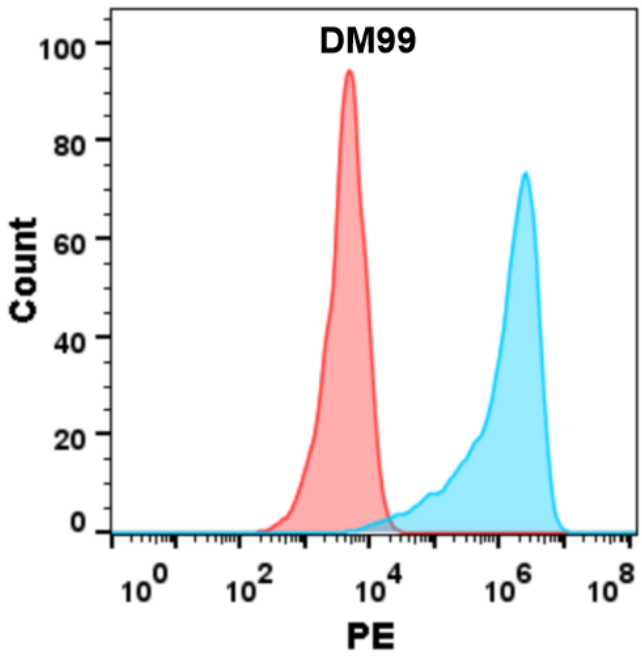


Figure 2. Flow cytometry analysis with Anti-B7-H2 (DM99) on HEK293 cells transfected with human B7-H2 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

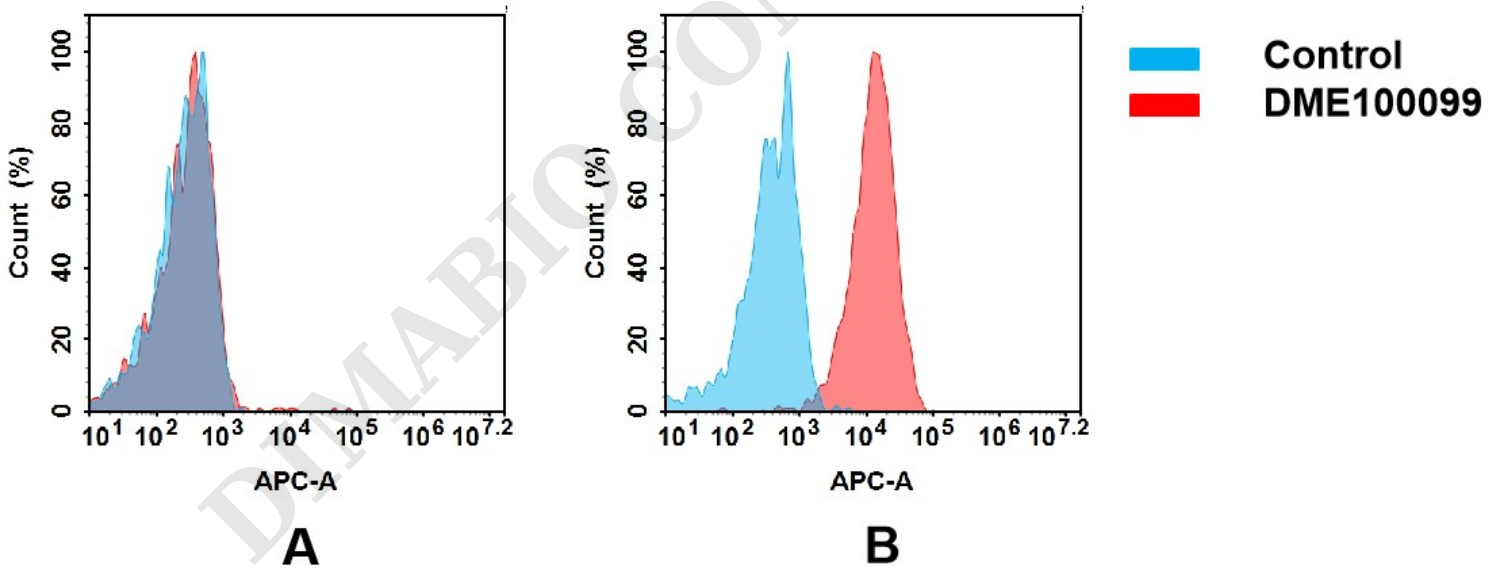


Figure 3. Flow cytometry analysis of antigen binding of rabbit anti-human B7-H2 mAb(DME100099).
(A) DME100099 does not bind to Jurkat cells that do not express B7-H2.
(B) A clear peak shift of DME100099 was seen compared to the control when incubated with B7-H2-expressing Siha cells, indicating strong binding of DME100099 to B7-H2. Antibodies were incubated at 5 μg/mL.

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