

PRODUCT INFORMATION

Common Name	AMG557, AMG-557, MEDI-5872
Synonyms	ICOSLG;B7-H2;B7H2;B7RP-1;B7RP1;CD275;GL50;ICOS-L;ICOSL;LICOS;ICOS ligand
Conjugate	Unconjugated
Applications	ELISA, Flow Cyt
Endotoxin	Less than 1.0 EU/ μ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
Recommended Dilutions	ELISA 1:5000-10000, Flow Cyt 1:100
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.
Host Species	Homo sapiens
IgG type	Human IgG2 - Kappa
Reactivity	Human
Target	B7-H2
Uniprot ID	O75144
Description	Anti-B7-H2(prezalumab biosimilar) mAb
Delivery	In Stock
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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μ m) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only

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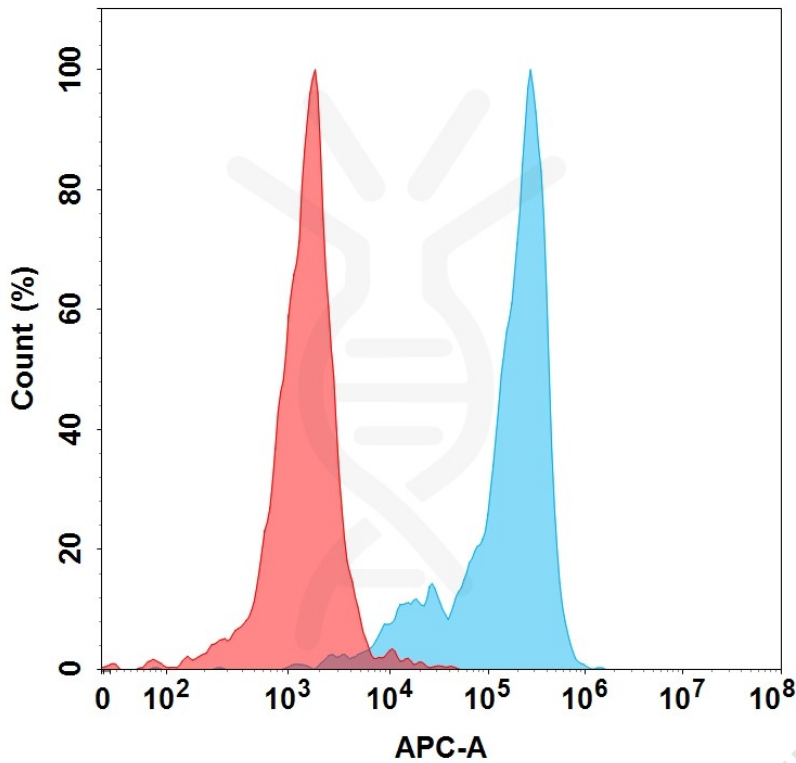


Figure 1. Flow cytometry analysis with 15 $\mu\text{g}/\text{mL}$ Anti-B7-H2 (prezalumab biosimilar) mAb (BME100081) on HEK293 cells transfected with Human B7H2 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

Anti-B7-H2(prezalumab biosimilar) mAb ELISA

0.2 μg of Human B7-H2, mFc-His tagged protein per well

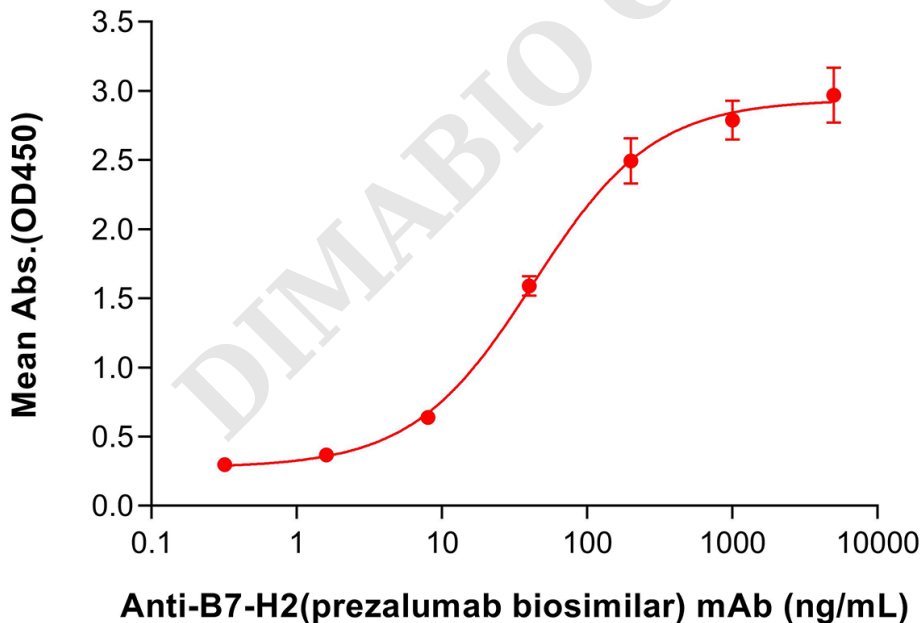


Figure 2. ELISA plate pre-coated by 2 $\mu\text{g}/\text{mL}$ (100 $\mu\text{L}/\text{well}$) Human B7-H2 Protein, mFc-His Tag (PME100029) can bind Anti-B7-H2(prezalumab biosimilar) mAb (BME100081) in a linear range of 40-200 ng/mL.

