PRODUCT INFORMATION

Common Name	JNJ-61610588
Synonyms	VISTA;VSIR;Sisp-1;C10orf54;DD1alpha;Dies1;GI24;PD-1H;PP2135
Conjugate	Unconjugated
Applications	ELISA; Flow Cyt
Endotoxin	Less than 1.0 EU/μg 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 IgG1 – kappa
Reactivity	Human
Target	B7-H5
Uniprot ID	Q9H7M9
Description	Anti-B7-H5(onvatilimab 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 μm) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only

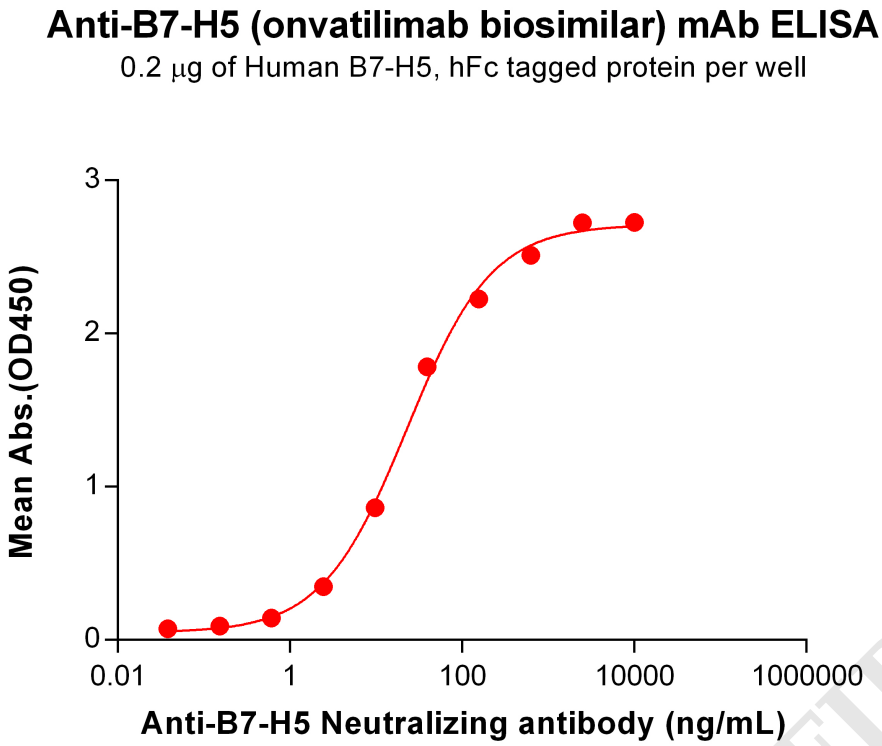

Figure 1. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human B7-H5 Protein, hFc Tag (PME101041) can bind Anti-B7-H5 Neutralizing antibody (BME100109) in a linear range of 2.44–625.00 ng/mL. In order to specifically detect BME100109, mouse anti-human Fab-specific antibody was used as detection antibody.

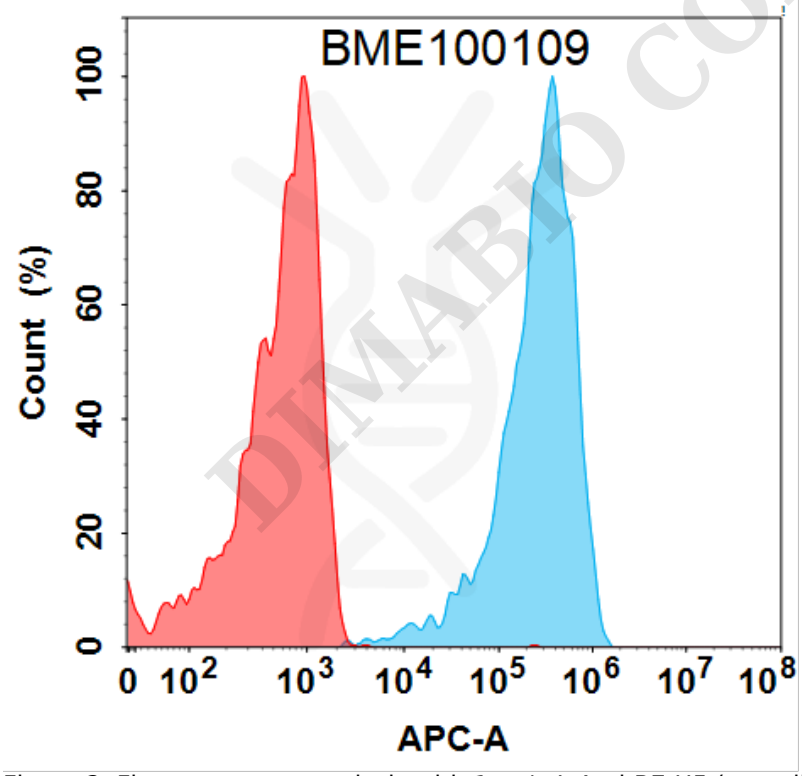

Figure 2. Flow cytometry analysis with 1 μg/mL Anti-B7-H5 (onvatilimab biosimilar) mAb (BME100109) on HEK293 cells transfected with Human B7-H5 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

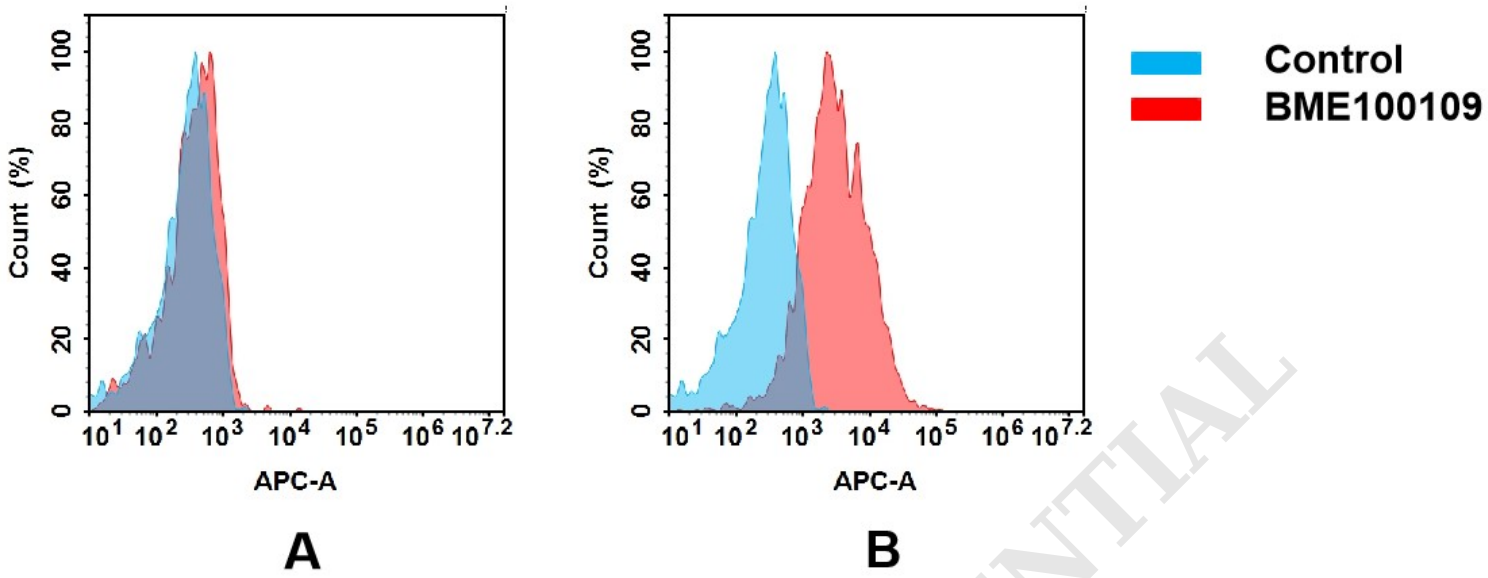

Figure 3. Flow cytometry analysis of antigen binding of anti-human B7-H5 mAb(BME100109).
(A) BME100109 does not bind to 293T cells that do not express B7-H5.
(B) A clear peak shift of BME100109 was seen compared to the control when incubated with B7-H5-expressing THP-1 cells, indicating strong binding of BME100109 to B7-H5. Antibodies were incubated at 5 μg/mL.