

**PRODUCT INFORMATION**

<b>Common Name</b>	JNJ-61610588
<b>Synonyms</b>	VISTA;VSIR;Sisp-1;C10orf54;DD1alpha;Dies1;GI24;PD-1H;PP2135
<b>Applications</b>	ELISA; Flow Cyt
<b>Recommended Dilutions</b>	ELISA 1:5000-10000; Flow Cyt 1:100
<b>Formulation &amp; Reconstitution</b>	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.
<b>Host Species</b>	Homo sapiens
<b>IgG type</b>	IgG1
<b>Reactivity</b>	Human
<b>Target</b>	B7-H5
<b>Uniprot ID</b>	Q9H7M9
<b>Description</b>	Anti-B7-H5(onvatilimab biosimilar) mAb
<b>Delivery</b>	In Stock
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated

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## Anti-B7-H5 (onvatilimab biosimilar) mAb ELISA

0.2  $\mu$ g of Human B7-H5, hFc tagged protein per well

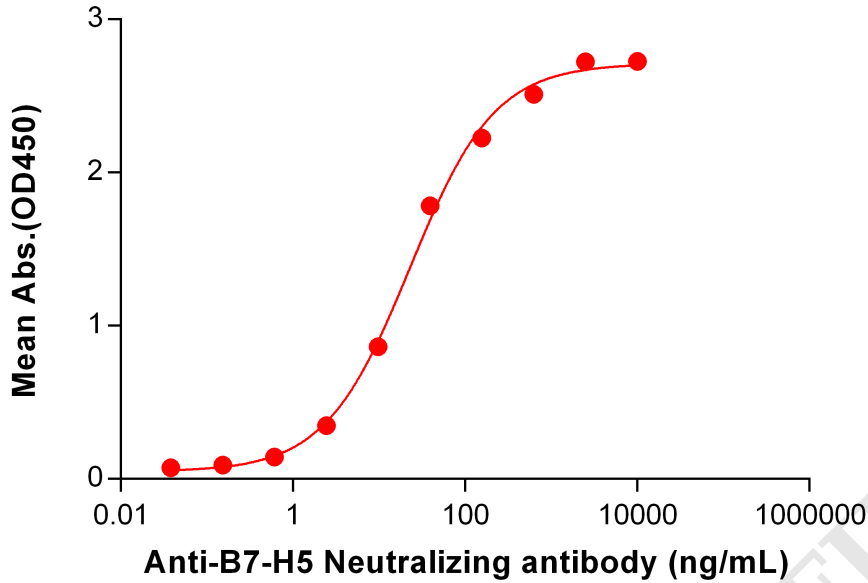


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human B7-H5 Protein, hFc Tag (PME101041) can bind Anti-B7-H5 Neutralizing antibody (BME100109) in a linear range of 2.44-625.00 ng/mL. In order to specifically detect BME100109, mouse anti-human Fab-specific antibody was used as detection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

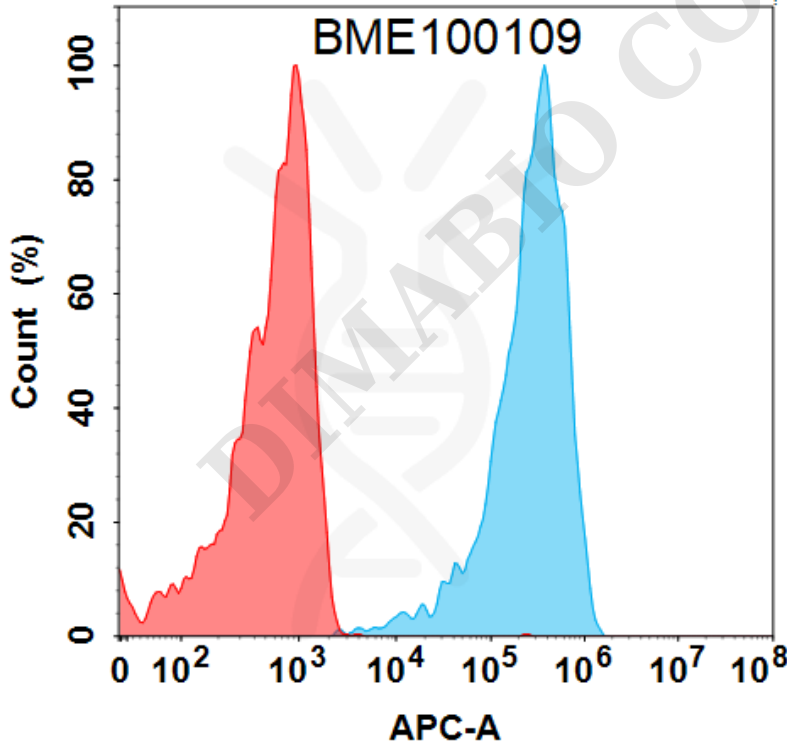


Figure 2. Flow cytometry analysis with 1  $\mu$ g/mL Anti-B7-H5 (onvatilimab biosimilar) mAb (BME100109) on Expi293 cells transfected with Human B7-H5 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



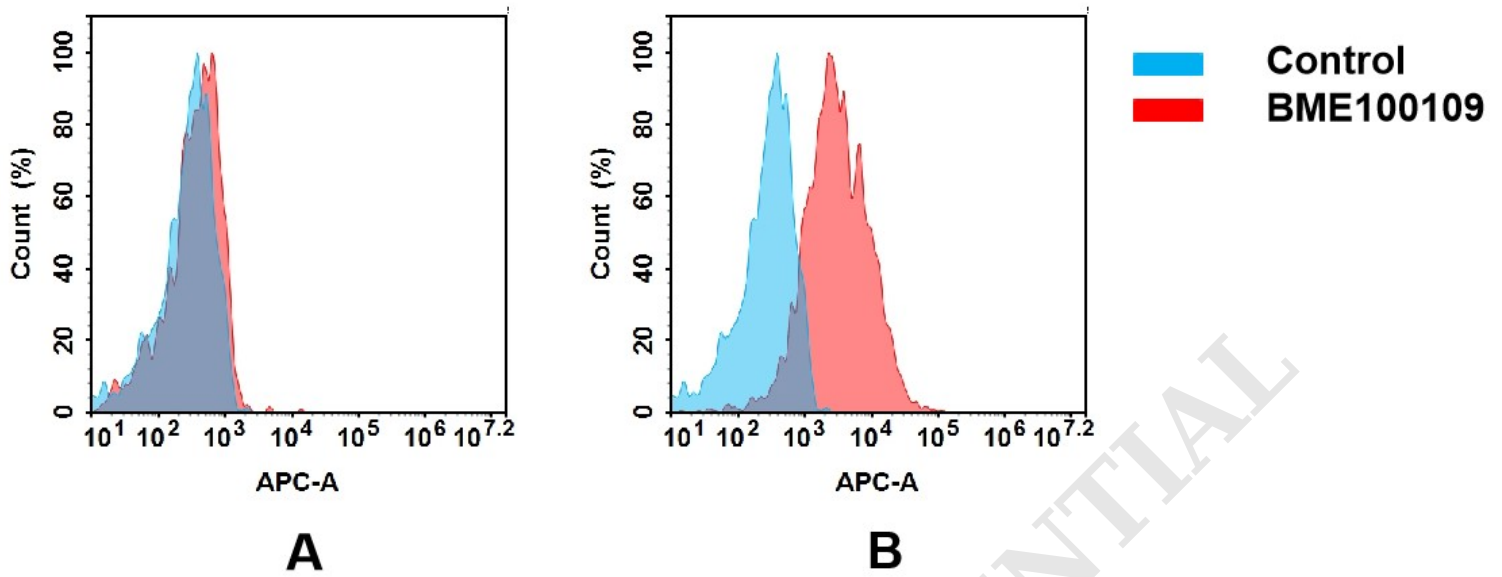


Figure 3. Flow cytometry analysis of antigen binding of anti-human B7-H5 mAb(BME100109).

(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  $\mu\text{g}/\text{mL}$ .

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