

PRODUCT INFORMATION

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| Common Name | JNJ-61610588 |
| Synonyms | VISTA;VSIR;Sisp-1;C10orf54;DD1alpha;Dies1;GI24;PD-1H;PP2135 |
| Conjugate | Unconjugated |
| Applications | ELISA; Flow Cyt |
| 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 | IgG1 |
| 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. |
| Background | Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals. |
| Usage | Research use only |
| 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 scrutinizing all patent application to ensure no IP infringement. |

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Anti-B7-H5 (onvatilimab biosimilar) mAb ELISA

0.2 μ g of Human B7-H5, hFc tagged protein per well

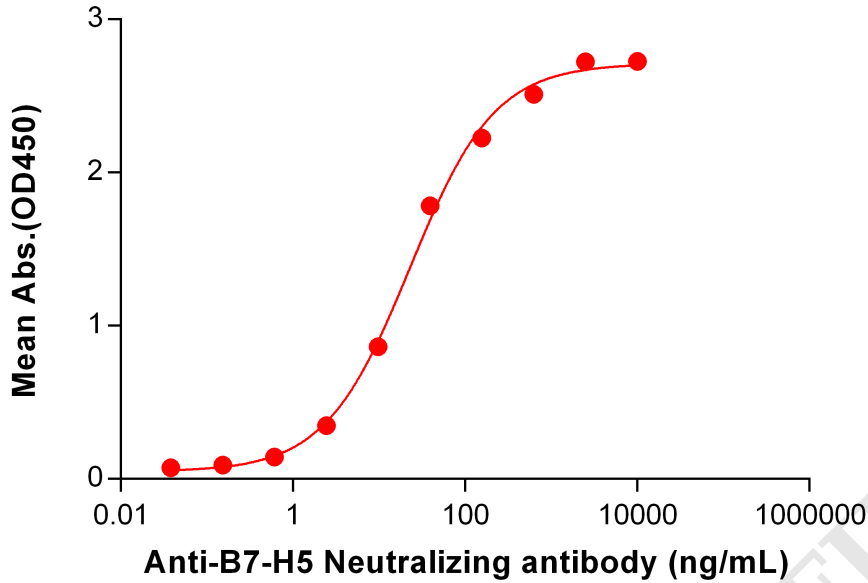


Figure 1. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human B7-H5 Protein, hFc Tag (PME101041) can bind Anti-B7-H5 Neutralizing antibody (BME100109) in a linear range of 2.44-625.00 ng/mL. In order to specifically detect BME100109, mouse anti-human Fab-specific antibody was used as detection antibody.

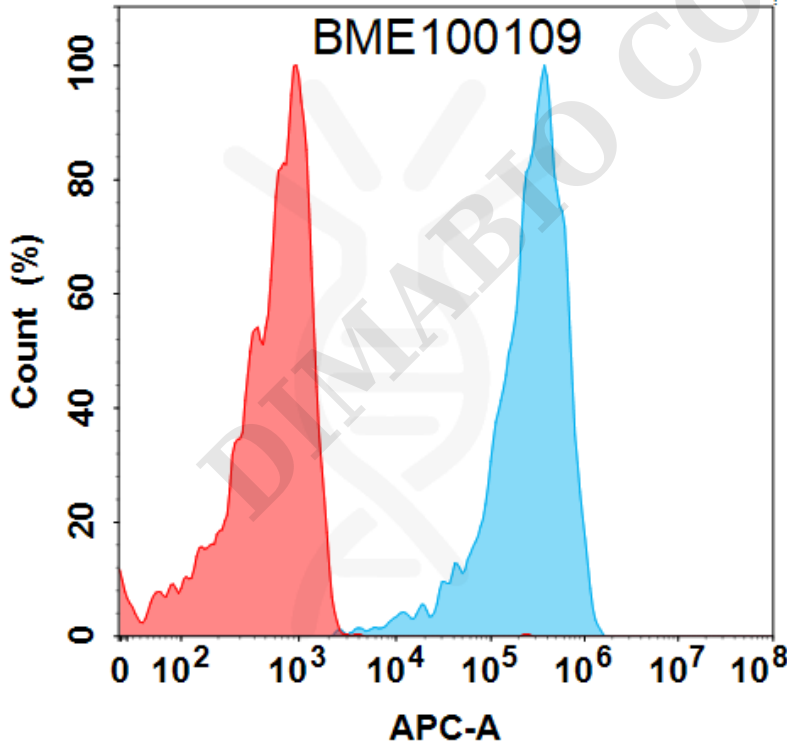


Figure 2. Flow cytometry analysis with 1 μ g/mL Anti-B7-H5 (onvatilimab biosimilar) mAb (BME100109) on Expi293 cells transfected with Human B7-H5 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



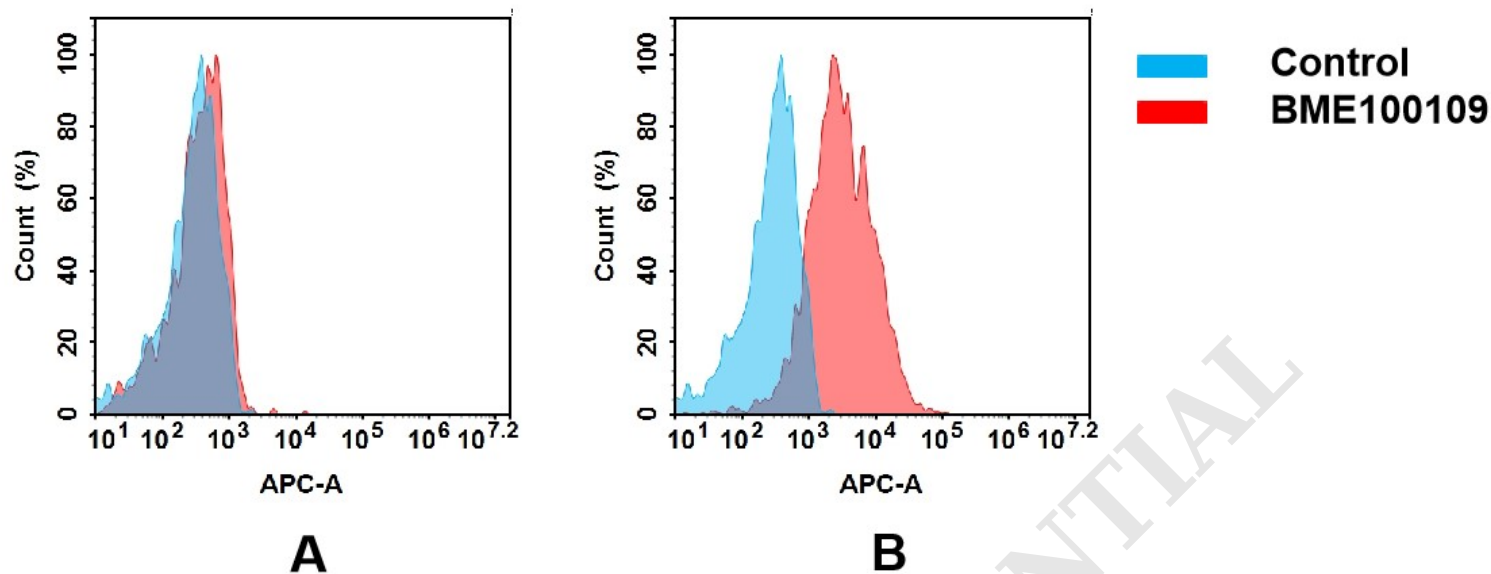


Figure 3. Flow cytometry analysis of antigen binding of anti-human B7-H5 mAb(BME100109).

(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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