

## PRODUCT INFORMATION

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|---|---|
| <b>Uniprot ID</b>                       | Q9NZQ7  |
| <b>Common Name</b>                      | MSB0010718C,MSB-0010718C,MSB0010682   |
| <b>Conjugate</b>                        | Unconjugated  |
| <b>Synonyms</b>                         | Programmed cell death 1 ligand 1, B7H1, B7-H1, PDL1, PDCD1L1, B7 homolog 1, B7 homologue 1, CD274   |
| <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>                         | Human IgG1(E356D,M358L) - lambda  |
| <b>Reactivity</b>                       | Human   |
| <b>Target</b>                           | PD-L1   |
| <b>Description</b>                      | Anti-PD-L1(avelumab 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 antibodies 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   |



## Anti-PD-L1(avelumab biosimilar) mAb ELISA

0.2 µg of Human PD-L1, mFc-His tagged protein per well

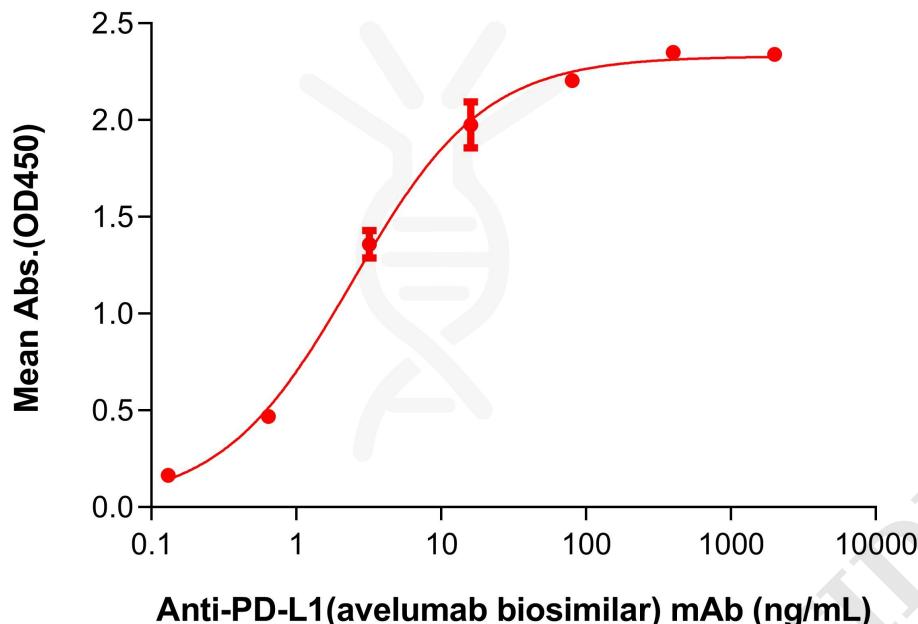


Figure 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human PD-L1 Protein, mFc-His Tag (PME100023) can bind Anti-PD-L1(avelumab biosimilar) mAb (BME100418) in a linear range of 0.64–16 ng/mL.

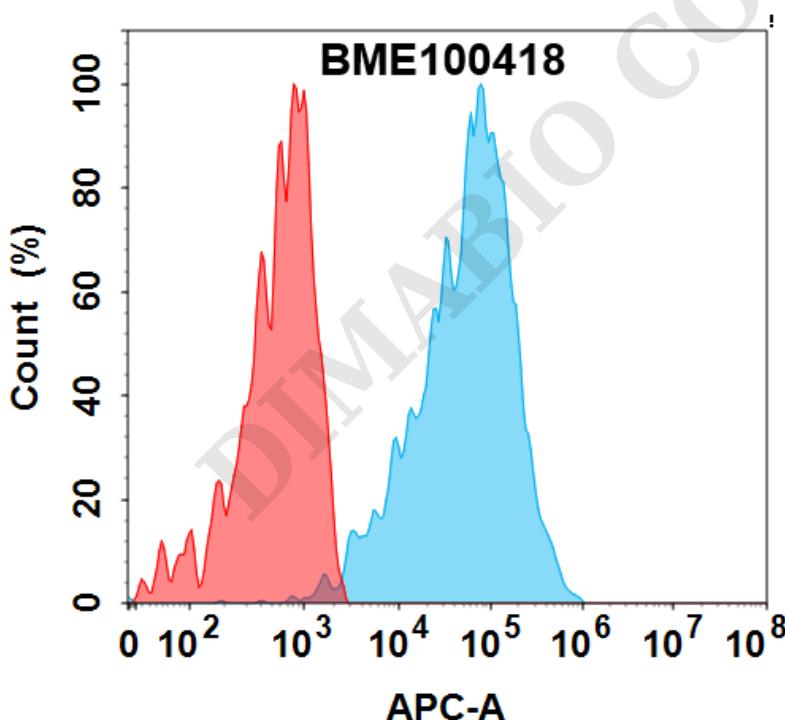


Figure 2. Flow cytometry analysis with 0.5 µg/mL Anti-PD-L1(avelumab biosimilar) mAb (BME100418) on HEK293 cells transfected with Human PD-L1 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

