

**PRODUCT INFORMATION**

<b>Common Name</b>	LY-3462817,LY 3462817,LY3462817
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	PD1, PDCD1, CD279, SLEB2, hPD-1, hPD-I, hSLE1
<b>Applications</b>	ELISA, Flow Cyt
<b>Endotoxin</b>	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<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>	Humanized
<b>IgG type</b>	Human IgG1(E356D,M358L) - kappa
<b>Reactivity</b>	Human
<b>Target</b>	PD-1
<b>Uniprot ID</b>	Q15116
<b>Description</b>	Anti-PD-1(peresolimab 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>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
<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-1(peresolimab biosimilar) mAb ELISA

0.2  $\mu$ g of Human PD-1, mFc-His tagged protein per well

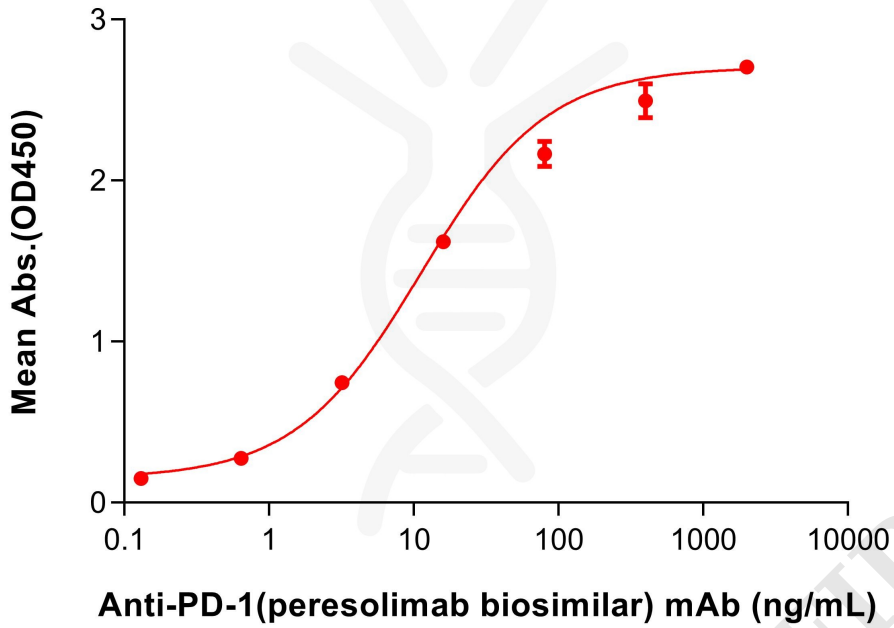


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human PD-1 Protein, mFc-His tag (PME100025) can bind Anti-PD-1(peresolimab biosimilar) mAb (BME100615) in a linear range of 3.2-80 ng/mL.

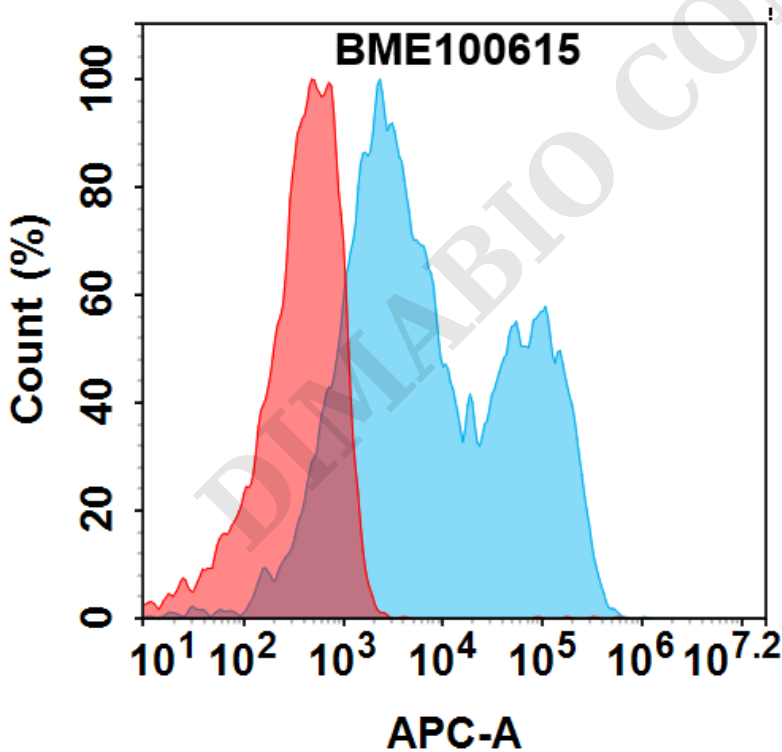


Figure 2. Flow cytometry analysis with 0.5 $\mu$ g/ml Anti-PD-1(peresolimab biosimilar) mAb (BME100615) on HEK293 cells transfected with human PD-1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

