

**PRODUCT INFORMATION**

<b>Common Name</b>	PDL1V,PF-08046054,SGN PDL1V,SGN-PDLV,SGNPDL1V
<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>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>	Homo sapiens
<b>IgG type</b>	Human IgG1(L234A,L235A,E356D,M358L) - kappa
<b>Reactivity</b>	Human
<b>Target</b>	PD-L1
<b>Uniprot ID</b>	Q9NZQ7
<b>Description</b>	Anti-PD-L1(SGNPDL 1V 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(SGNPDL 1V biosimilar) mAb ELISA

0.2  $\mu$ g of Human PD-L1, mFc-His tagged protein per well

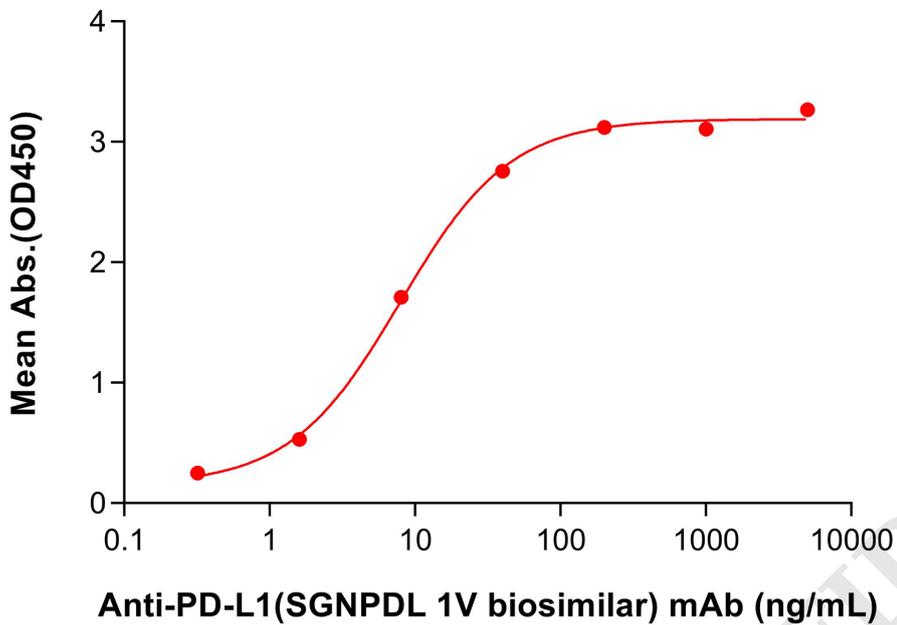


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human PD-L1 Protein, mFc-His tag(PME100023) can bind Anti-PD-L1 (SGNPDL 1V biosimilar) mAb (BME100287) in a linear range of 1.6-8.0ng/mL.

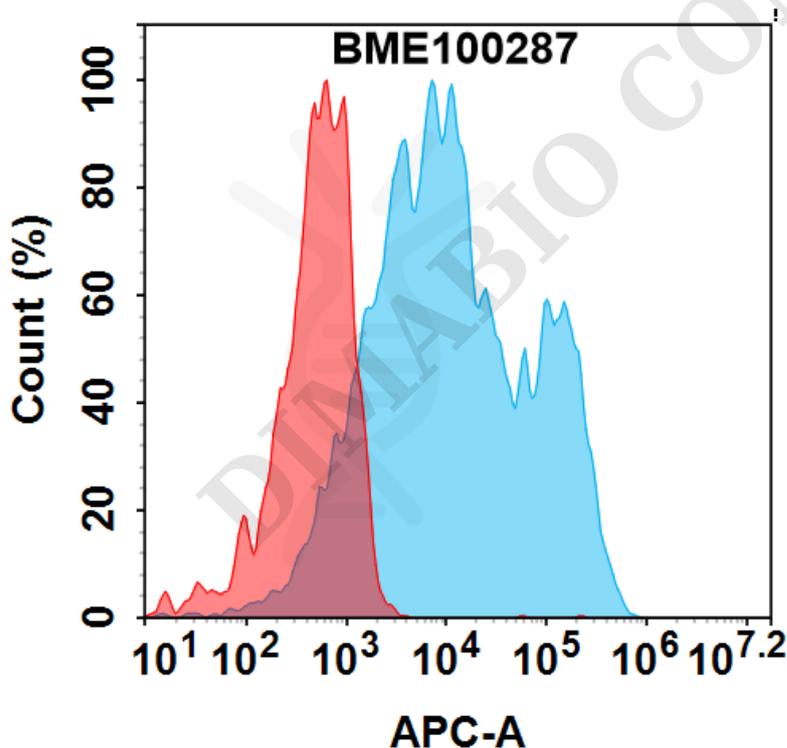


Figure 2. Flow cytometry analysis with 0.5 $\mu$ g/ml Anti-PD-L1(SGNPDL 1V biosimilar) mAb (BME100287) on HEK293 cells transfected with human PD-L1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).



## PD-1 Competitive experiment of neutralizing anti-PD-L1 antibody

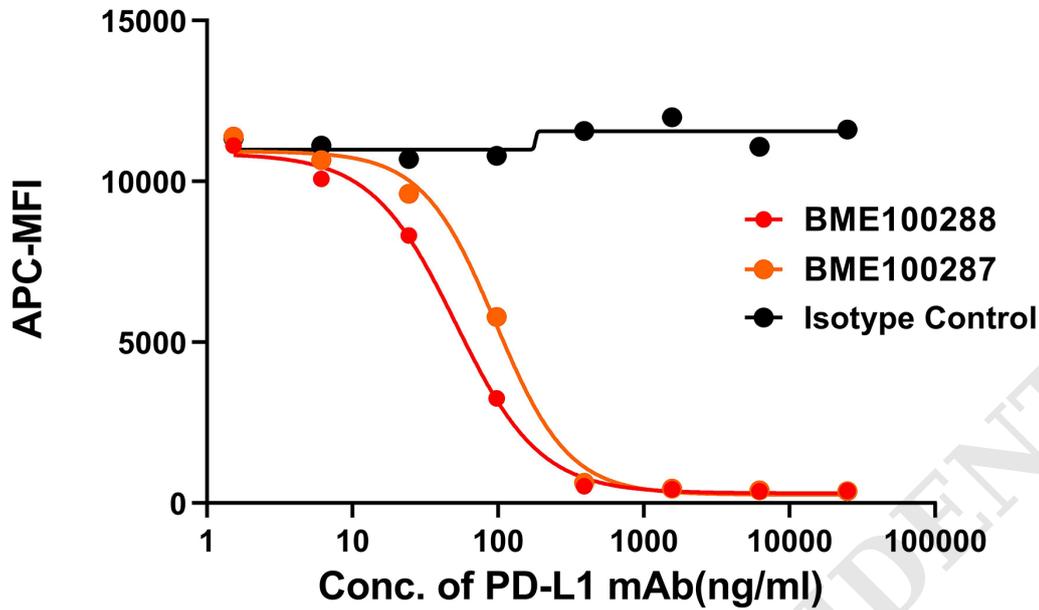


Figure 3. FACS analysis showed that the binding of Biotin-PD-1 to K562 cells overexpressing PD-L1 was inhibited by increasing concentrations of neutralizing anti-PD-L1 antibodies. The concentration of Biotin-PD-1 used was 1.5  $\mu\text{g}/\text{mL}$ . BME100288 and BME100287 exhibited dose-dependent blocking activity, while the irrelevant control antibody showed no inhibition.

