PRODUCT INFORMATION

Common Name	PDL1V,PF-08046054,SGN PDL1V,SGN-PDLV,SGNPDL1V
Conjugate	Unconjugated
Synonyms	Programmed cell death 1 ligand 1, B7H1, B7-H1, PDL1, PDCD1L1, B7 homolog 1, B7 homologue 1, CD274
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	Human IgG1(L234A,L235A,E356D,M358L) – kappa
Reactivity	Human
Target	PD-L1
Uniprot ID	Q9NZQ7
Description	Anti-PD-L1(SGNPDL 1V 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 antibodies 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

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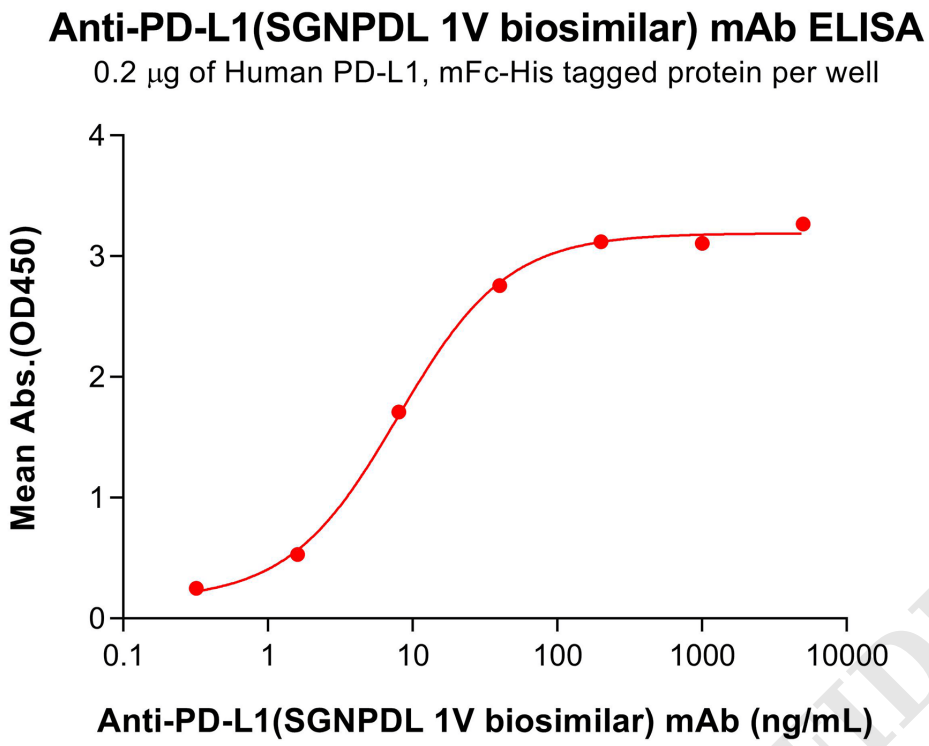

Figure 1. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human PD-L1 Protein, mFc-His tag(PME100023) can bind Anti-PD-L1 (SGNPDL 1V biosimilar) mAb (BME100287)in a linear range of 1.6-8.0ng/mL.

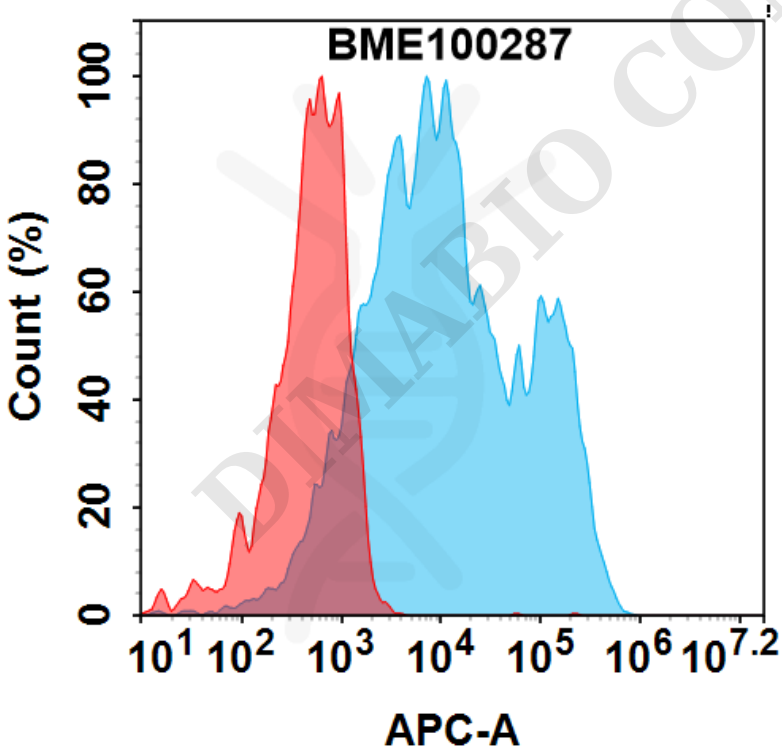

Figure 2. Flow cytometry analysis with 0.5μg/ml Anti-PD-L1(SGNPDL 1V biosimilar) mAb (BME100287) on HEK293 cells transfected with human PD-L1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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

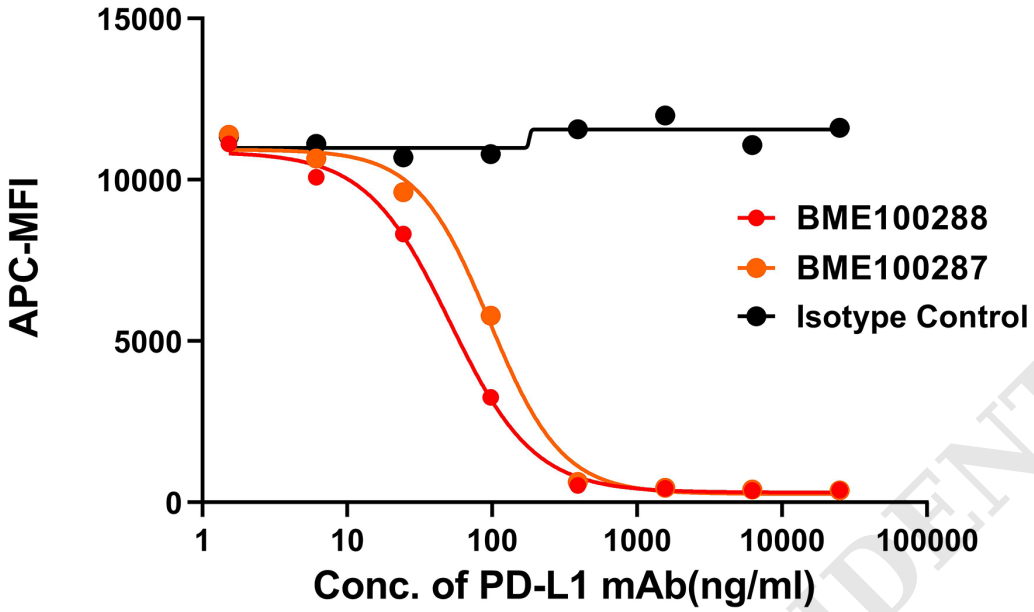

Figure 3. FACS analysis showed that the binding of Biotin-PD-1 to K562 cells overexpressing PD-L1 was inhibited by increasing concentrations of neutralizing anti-PD-L1 antibodies. The concentration of Biotin-PD-1 used was 1.5 μg/mL. BME100288 and BME100287 exhibited dose-dependent blocking activity,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

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