

**PRODUCT INFORMATION**

<b>Uniprot ID</b>	NP_001301026.1
<b>Common Name</b>	4F12
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	PD1, PDCD1, CD279, SLEB2, hPD-1, hPD-I, hSLE1
<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>	Chimeric Rabbit
<b>IgG type</b>	IgG
<b>Reactivity</b>	Canine
<b>Target</b>	PD-1
<b>Description</b>	Anti-Canine PD-1(INTERVET 4F12) 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
<b>DIMA Disclaimer</b>	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.



### Anti-Canine PD-1(INTERVET 4F12) mAb ELISA

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

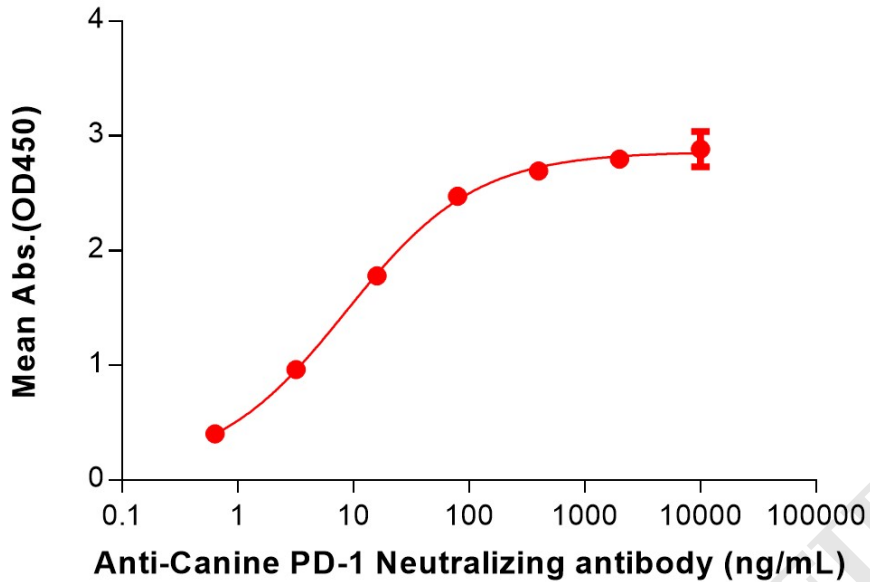


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Canine PD-1 Protein, His Tag (PME-D100005) can bind Anti-Canine PD-1(INTERVET 4F12) mAb (BME100202) in a linear range of 0.64-80 ng/mL.

### Anti-Canine PD-1(INTERVET 4F12) mAb ELISA

0.2  $\mu$ g of Canine PD-1, hFc tagged protein per well

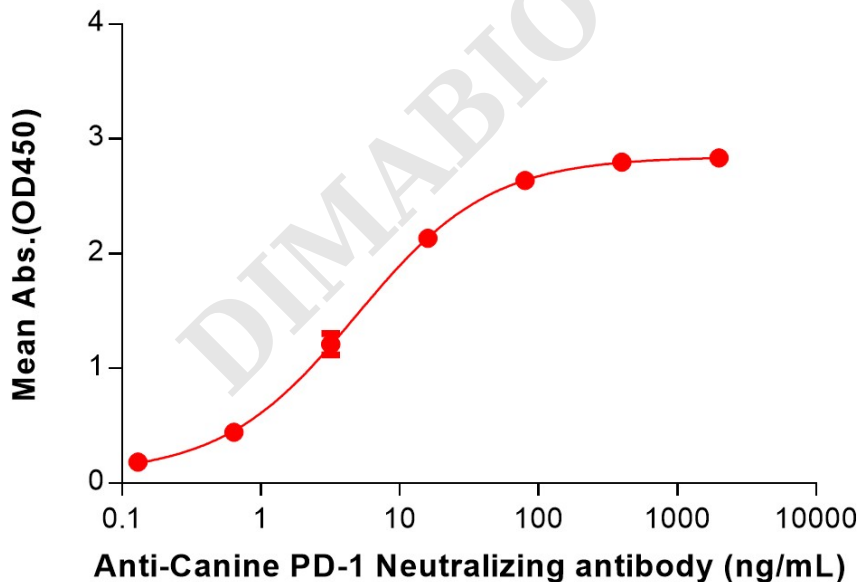


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Canine PD-1 Protein, hFc Tag (PME-D100008) can bind Anti-Canine PD-1(INTERVET 4F12) mAb (BME100202) in a linear range of 0.64-80 ng/mL.



### Anti-Canine PD-1(INTERVET 4F12) mAb ELISA

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

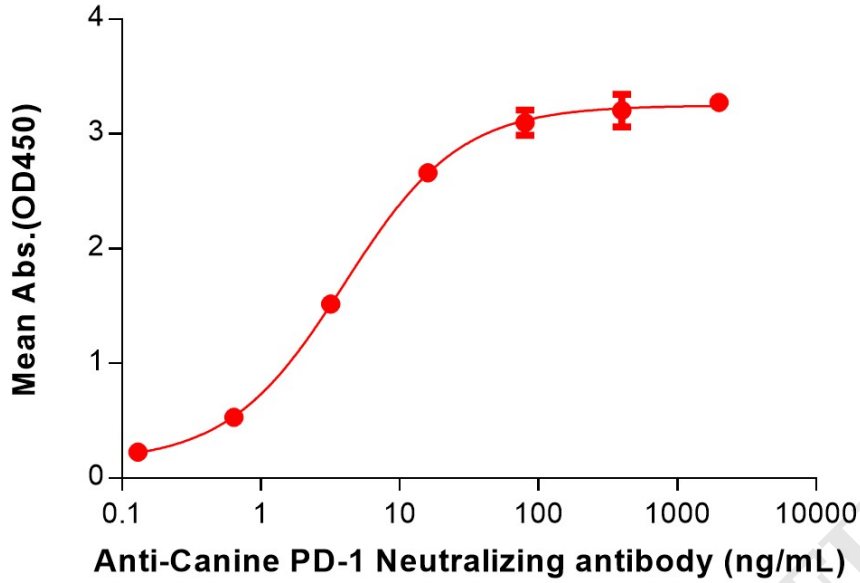


Figure 3. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Canine PD-1 Protein, mFc Tag (PME-D100006) can bind Anti-Canine PD-1(INTERVET 4F12) mAb (BME100202) in a linear range of 0.64–80 ng/mL.

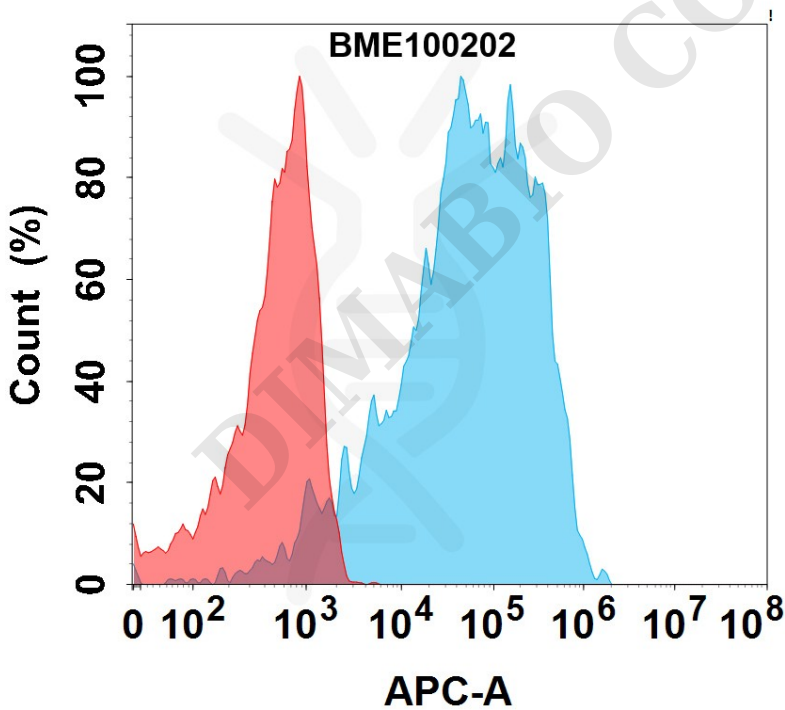


Figure 4. Flow cytometry analysis with 1 $\mu$ g/mL Anti-Canine PD-1(INTERVET 4F12) mAb (BME100202) on Expi293 cells transfected with Canine PD-1 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

