

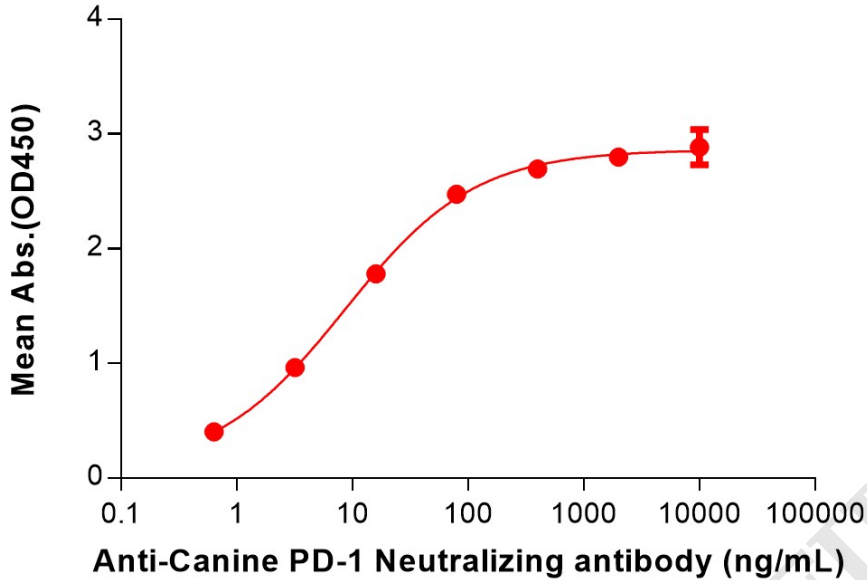
PRODUCT INFORMATION

Common Name	4F12
Conjugate	Unconjugated
Synonyms	PD1, PDCD1, CD279, SLEB2, hPD-1, hPD-I, hSLE1
Applications	ELISA, Flow Cyt
Endotoxin	Less than 1.0 EU/ μ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
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	Chimeric Rabbit
IgG type	Rabbit IgG
Reactivity	Canine
Target	PD-1
Uniprot ID	NP_001301026.1
Description	Anti-Canine PD-1(INTERVET 4F12) 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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μ m) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only



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

0.2 μ g of Canine PD-1, His tagged protein per well



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Figure 1. ELISA plate pre-coated by 2 μ g/mL (100 μ 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 μ g of Canine PD-1, hFc tagged protein per well

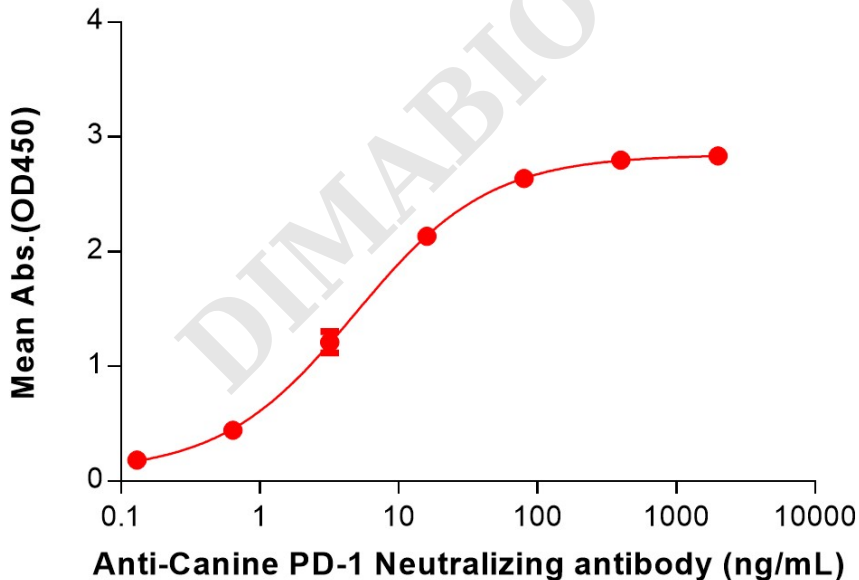


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Canine PD-1 Protein, hFc Tag (PME-D100008) can bind Anti-Canine PD-1(INTERVET 4F12) mAb (BME100202) in a linear range of 0.64-80 ng/mL.



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

0.2 μ g of Canine PD-1, mFc tagged protein per well

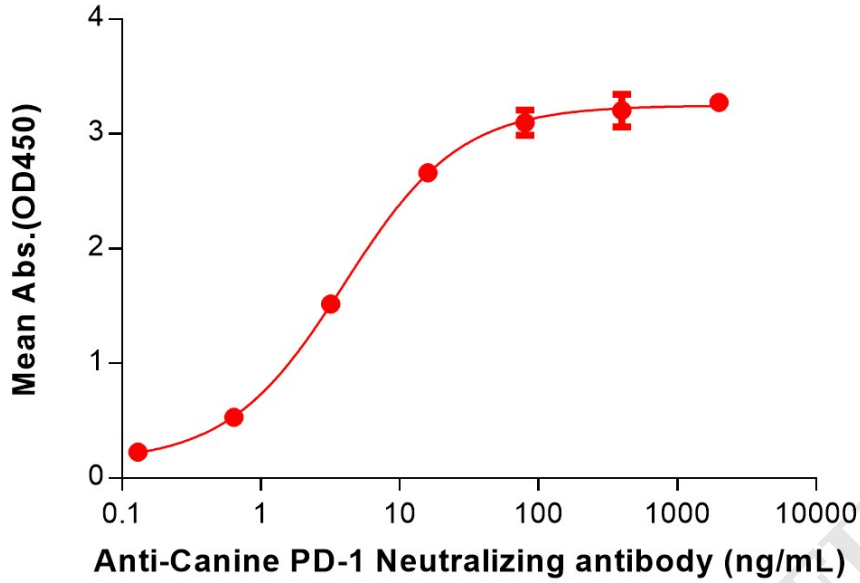


Figure 3. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Canine PD-1 Protein, mFc Tag (PME-D100006) can bind Anti-Canine PD-1(INTERVET 4F12) mAb (BME100202) in a linear range of 0.64–80 ng/mL.

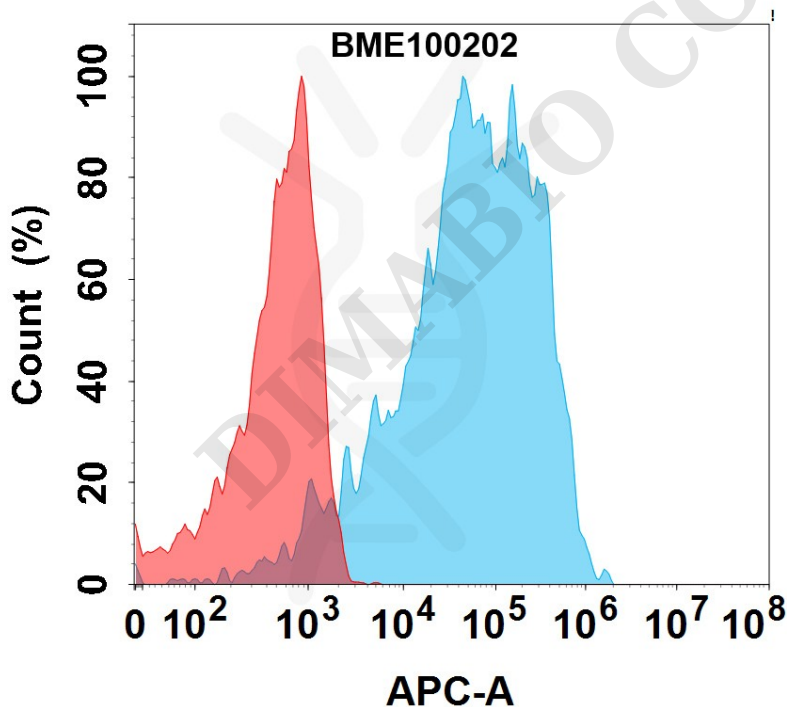


Figure 4. Flow cytometry analysis with 1 μ g/mL Anti-Canine PD-1(INTERVET 4F12) mAb (BME100202) on HEK293 cells transfected with Canine PD-1 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

