

12-9600: Anti-Canine PD-1(INTERVET 4F12) mAb

Application :	ELISA
Uniprot ID :	NP_001301026.1
Alternative Name :	4F12
Isotype :	lgG

Product Info

Amount :	50µg / 100 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Reconstitute with deionized water.
Storage condition :	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.

Application Note

ELISA 1:5000-10000, FACS 1:100

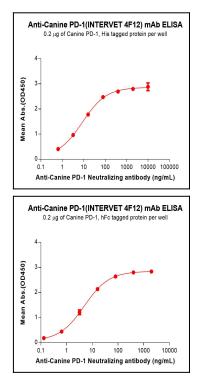


Figure 1. ELISA plate pre-coated by 2 $\hat{1}_{4}$ g/mL (100 $\hat{1}_{4}$ L/well) Canine PD-1 Protein, His Tag can bind Anti-Canine PD-1(INTERVET 4F12) mAb in a linear range of 0.64-80 ng/mL.

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



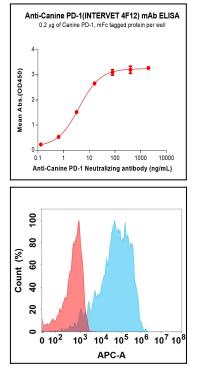


Figure 3. ELISA plate pre-coated by 2 $\hat{1}_{4}$ g/mL (100 $\hat{1}_{4}$ L/well) Canine PD-1 Protein, mFc Tag can bind Anti-Canine PD-1(INTERVET 4F12) mAb in a linear range of 0.64-80 ng/mL.

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