

## anti-Canine PD-1 Antibody | anti-PD-1 antibody

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

| CATALOG # | HOST            | REACTIVITY | APPLICATIONS                            |
|-----------|-----------------|------------|-----------------------------------------|
| AAA129421 | Chimeric Rabbit | Canine     | Flow Cytometry, Functional Assay, ELISA |

### PRODUCT SYNONYMS

PD-1; Anti-Canine PD-1 (INTERVET 4F12) mAb; PD1; PDCD1; CD279; SLEB2; hPD-1; hPD-I; hSLE1; 4F12; anti-PD-1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                            |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Chimeric Rabbit                                                                                                                                                                                                                                                            |
| Reactivity                                     | Canine                                                                                                                                                                                                                                                                     |
| Isotype                                        | IgG                                                                                                                                                                                                                                                                        |
| Form/Format                                    | 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.                                                                            |
| Applicable Applications for anti-PD-1 antibody | FCM/FACS (Flow Cytometry), ELISA                                                                                                                                                                                                                                           |
| Preparation and Storage                        | Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature. |

### IMAGES

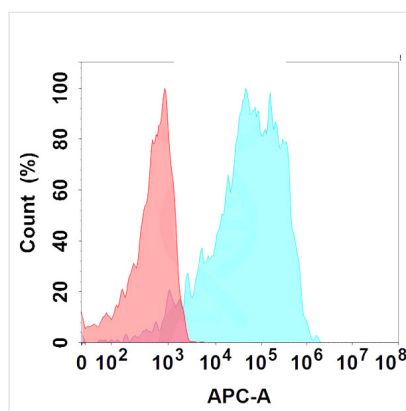

**FCM/FACS (Flow Cytometry)**

Figure 4. Flow cytometry analysis with 1ug/mL Anti-Canine PD-1(INTERVET 4F12) mAb (AAA129421) on Expi293 cells transfected with Canine PD-1 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

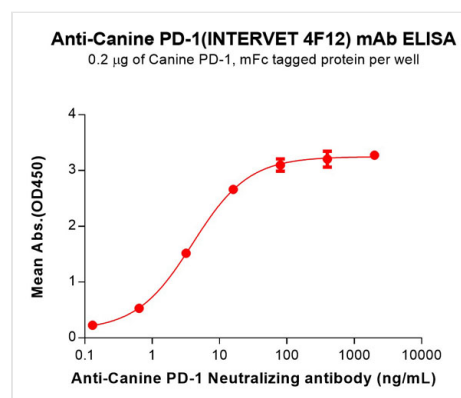
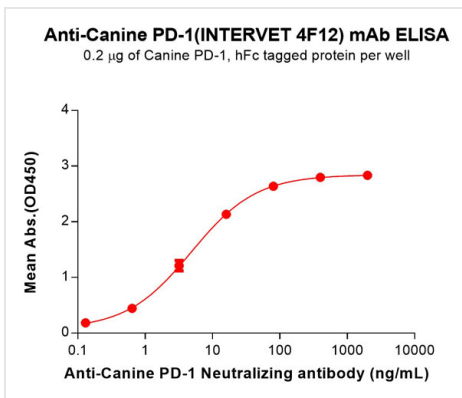
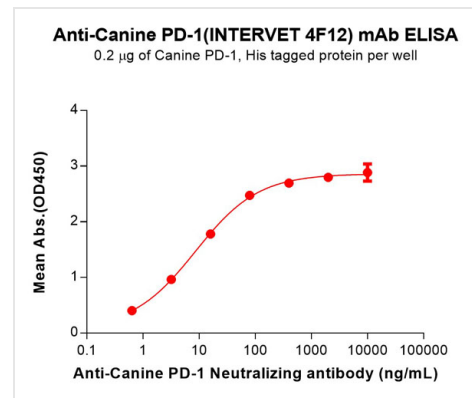

**ELISA**

Figure 3. ELISA plate pre-coated by 2 ug/mL (100 uL/well) Canine PD-1 Protein, mFc Tag can bind Anti-Canine PD-1(INTERVET 4F12) mAb (AAA129421) in a linear range of 0.64–80 ng/mL.



#### ELISA

Figure 2. ELISA plate pre-coated by 2 ug/mL (100 uL/well) Canine PD-1 Protein, hFc Tag can bind Anti-Canine PD-1(INTERVET 4F12) mAb (AAA129421) in a linear range of 0.64–80 ng/mL.



#### ELISA

Figure 1. ELISA plate pre-coated by 2 ug/mL (100 uL/well) Canine PD-1 Protein, His Tag can bind Anti-Canine PD-1(INTERVET 4F12) mAb (AAA129421) in a linear range of 0.64–80 ng/mL.

## ADDITIONAL INFORMATION

Product Categories/Family for anti-PD-1 antibody

Biosimilar reference antibodies

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/chimeric-rabbit-canine-antibody/pd-1/129421>