PRODUCT INFORMATION

Clone ID	**Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806** 4E1
Target	Canine PD-1
Synonyms	PD1; PDCD1; CD279; SLEB2; hPD-1; hPD-l; hSLE1
Host Species	Rabbit
Description	Anti-Canine PD-1 antibody(4E1), Rabbit mAb
Delivery	In Stock
Uniprot ID	NP_001301026.1
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Canine
Applications	ELISA
Recommended Dilutions	ELISA 1/5000-10000
Purification	Purified from cell culture supernatant by affinity chromatography
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.
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 proteins are shipped at ambient temperature.
Background	Programmed cell death protein 1 (PDCD1) is an immune-inhibitory receptor expressed in activated T cells; it is involved in the regulation of T-cell functions, including those of effector CD8+ T cells. In addition, this protein can also promote the differentiation of CD4+ T cells into T regulatory cells. PDCD1 is expressed in many types of tumors including melanomas, and has demonstrated to play a role in anti-tumor immunity. Moreover, this protein has been shown to be involved in safeguarding against autoimmunity, however, it can also contribute to the inhibition of effective anti-tumor and anti-microbial immunity. [provided by RefSeq, Aug 2020]
Usage	Research use only
Conjugate	Unconjugated
DIMA Disclaimer	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 scr

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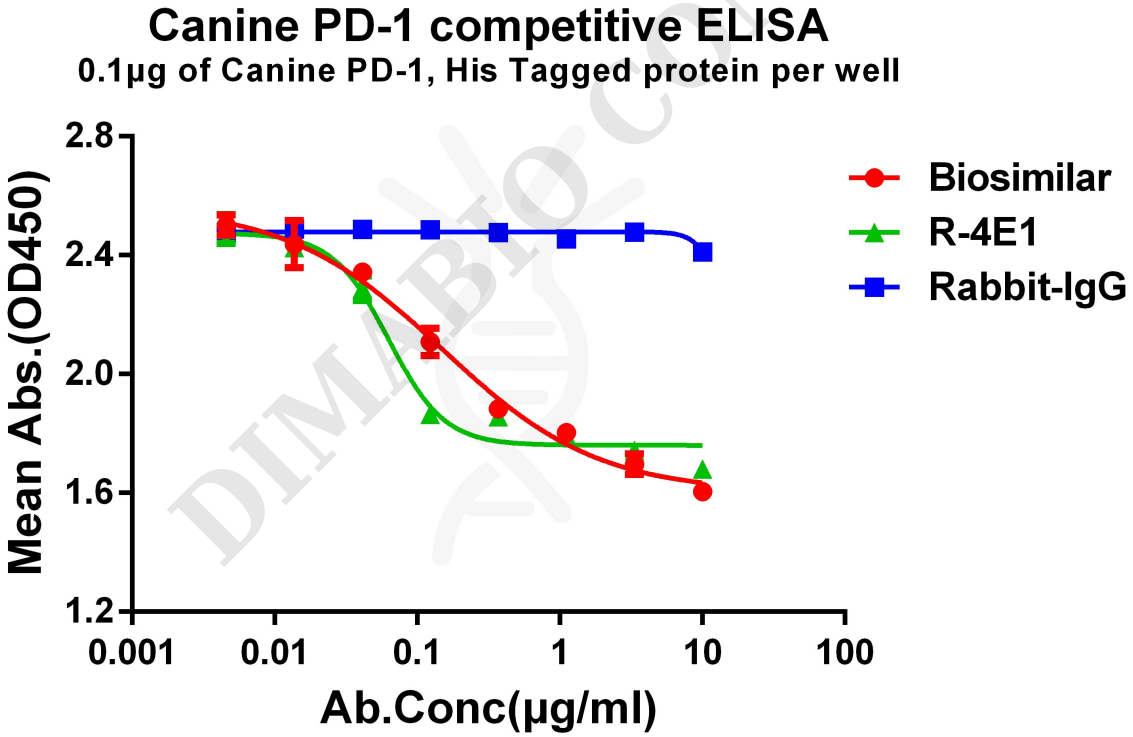


Figure 1. Elisa plates were pre-coated with His Tagged Canine PD-1 protein (0.1μg/per well). 0.2μg of Canine PDL1, hFc Tagged protein and serial dilutions of anti-Canine PD-1 monoclonal antibody were added, and Goat anti Human IgG(Horseradish Peroxidase Conjugate) was used as the secondary antibody. From the above data, the biosimilar(Red) and clone 4E1(Green) have good competitive activity, and Rabbit IgG(Blue) was used as the Isotype Control.

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