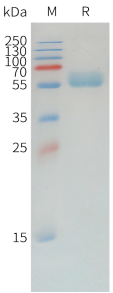
Recombinant Canine PD1 Protein (Fc Tag) (A324899)

Specifications:

Name:	Recombinant Canine PD1 Protein (Fc Tag)
Applications:	SDS-PAGE, ELISA, Flow Cytometry
Expression System:	HEK293 cells
Nature:	Recombinant
Protein Species:	Canine
Protein Length:	Protein fragment.
Sequence:	PD-1(Leu25-Gly168)+mFc(Pro99-Lys330)
Tag:	C-terminal Mouse Fc Tag
Molecular Weight:	The protein has a predicted molecular mass of 42.4 kDa after removal of the signal peptide. The apparent molecular mass of dPD-1-mFc is approximately 55-70 kDa due to glycosylation.
Conjugate:	Unconjugated
Purity:	> 95%, by SDS-PAGE and Coomassie blue staining.
Product Form:	Lyophilized
Concentration:	Reconstitution dependent.
Formulation:	Lyophilized from sterile Phosphate Buffered Saline, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage:	Shipped at 4°C. Lyophilized: Store at -20°C to -80°C. Reconstituted: Aliquot and store at -80°C. Product is stable for one year. Avoid freeze/thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

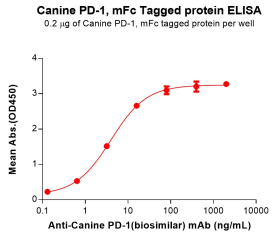
Images:



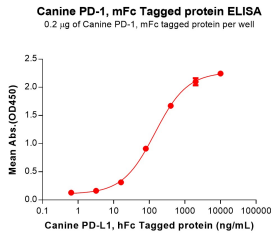
SDS-PAGE of Recombinant Canine PD1 Protein (Fc Tag) (A324899) under reducing conditions.

Recombinant Canine PD1 Protein (Fc Tag) (A324899)

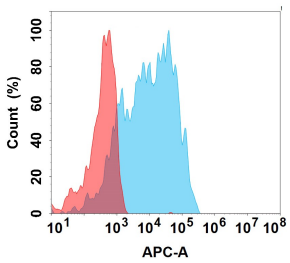
Images continued:



ELISA plates were pre-coated with Recombinant Canine PD1 Protein (Fc Tag) (A324899) at 2 μg/ml (100 μl/well) which can bind INTERVET 4F12 Biosimilar - Anti-PD1 Antibody - BSA and Azide free (A324674) in a linear range of 0.64-80 ng/ml.



ELISA plates were pre-coated with Recombinant Canine PD1 Protein (Fc Tag) (A324899) at 2 μg/ml (100 μL/well) which can bind Recombinant Canine PD-L1 Protein (Fc Tag) (A324699) in a linear range of 16-2000 ng/ml.



Flow cytometry analysis of 1μg/ml of Recombinant Canine PD1 Protein (Fc Tag) (A324899) on Expi293 cells transfected with Canine PD-L1 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).