

Product Information	
Catalog No.	BS11378
Product name	Anti-Human PD-1 Reference Antibody (Gilvetmab, RUO)
Applications	ELISA, Bioactivity: FACS, Functional assay, Research in vivo
Species reactivity	Dog
Host species	Caninized
Clonality	Monoclonal
Isotype	IgG2-kappa
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4.
Concentration	1.04mg/ml
Purity	>95% purity as determined by SDS-PAGE.
Purification	Protein A/G purified from cell culture supernatant.
Target	CD279/PDCD1/PD1
Expression system	Mammalian Cells
Accession	E2RPS2
Endotoxin level	Please contact the lab for this information.
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4°C for short-term storage (1-2 weeks). Store at -20°C for up to 12 months. For long-term storage, store at -80°C.
Alternative Names	AH-PD1, 1808081-43-7
Note	For research use only. Not suitable for clinical or therapeutic use.

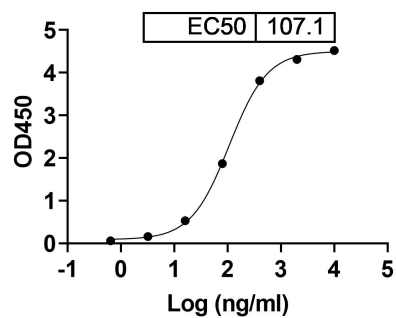
Background

Gilvetmab is a potent caninized anti-PD-1 monoclonal antibody. gilvetmab blocks the interaction between PD-1 and its ligand PDL-1.

- Diagnostic value of soluble programmed cell death protein-1 in type-1 autoimmune hepatitis in Egyptian children., PMID:31762332

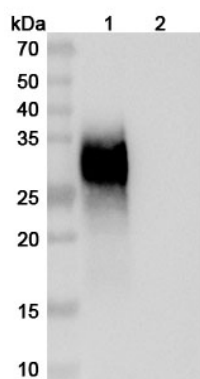
Image Data

Gilvetmab binds with CD279/PD-1



Bioactivity

Detects Dog CD279 in indirect ELISAs.



Western blot

Western blot analysis was performed using anti-dog PD1 monoclonal antibody at 1ug/mL on various samples.

Lane 1: recombinant Dog CD279/PDCD1/PD1 (Catalog No: CS870011)

Lane 2: negative control