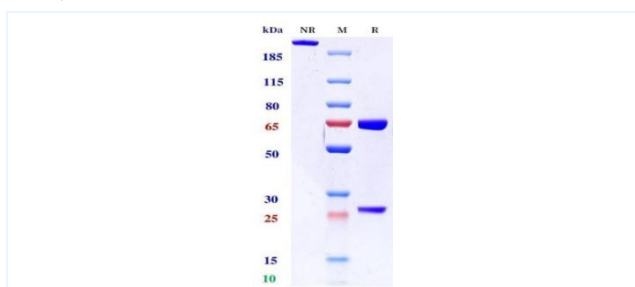


Product Details

Product name:	Anti-CD47 & PD-1 (Hx009 Biosimilar)	SKU:	BIO0971SM
Target Name:	CD47 & PD-1	Size:	100ug/ 1mg/ 5mg
Target Uniprot:	Q08722 & Q15116	Concentration:	Lyophilized
Clone#:	Hx009 (Bispecific)	Isotype:	IgG-VHH
Reactivity:	Human	Calculated M.W.:	173.16 kDa
Application:	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<0.001 EU/ug
Formulation:	100 mM Pro-Ac 20mM Arg pH 5.0	Conjugation:	None
Storage:	-20°C for 2 years under sterile conditions; -20°C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.	Expression System:	CHO
Reconstitution:	Dissolve with sterile ddH ₂ O	Purification:	Protein A

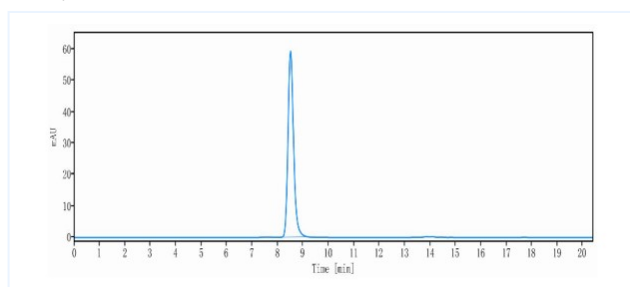
Data

Purity: SDS-PAGE



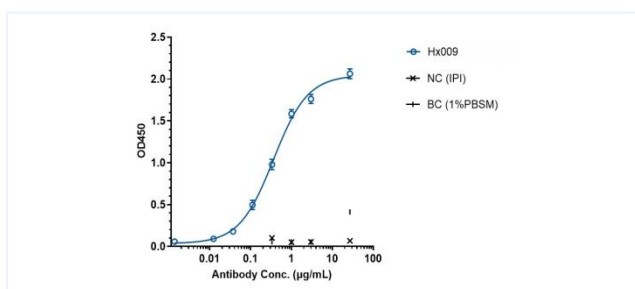
Anti-CD47 & PD-1 Reference Antibody (Hx009) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



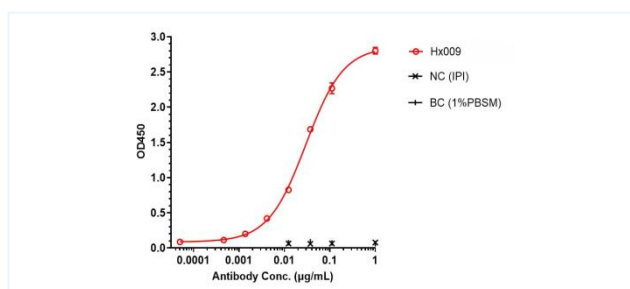
The purity of Anti-CD47 & PD-1 Reference Antibody (Hx009) is 100%, determined by SEC-HPLC.

ELISA



Hx009 bound to CD47 protein, and then rebounded to secondary antibodies (Anti-Human-IgG-Fc-HRP), and read OD450. As shown in fig, Hx009 bound to CD47-His, and the EC₅₀ was 0.364 nM.

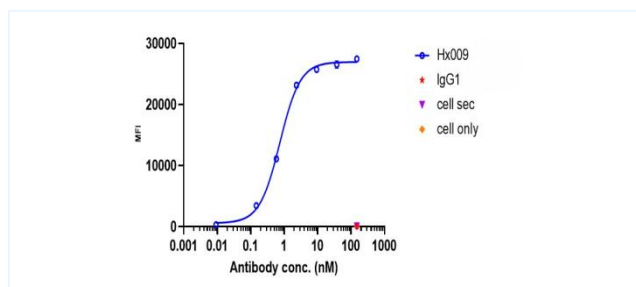
ELISA



Hx009 bound to PD-1 protein, and then rebounded to secondary antibodies (Anti-Human-κ+λ-HRP), and read OD450. As shown in fig, Hx009 bound to PD-1-FC, and the EC₅₀ was 0.030 nM.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Bioactivity: FACS



Hx009 bound to huPD-1-Jurkat cells, and then rebounded to fluorescent secondary antibodies (Anti-Human IgG, Fcγ PE), and tested by flow cytometry. As shown in fig, Hx009 bound to huPD-1-Jurkat cells, and the EC₅₀ was 0.747 nM.