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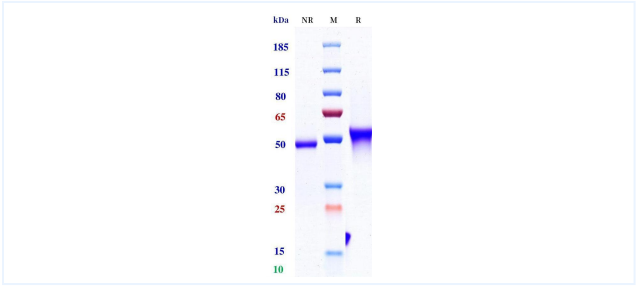
Product Details

Product name:	**Anti-CD3e & Mesothelin & Serum Albumin (Hpn536 Biosimilar)**	**SKU:**	**BIO0984SM**
Target Name:	**CD3e & Mesothelin & Serum Albumin**	**Size:**	**100ug/ 1mg/ 5mg**
Target Uniprot:	**P07766 & P02768**	**Concentration:**	**Lyophilized**
Clone#:	**Hpn536 (Trispecific)**	**Isotype:**	**BiTE**
Reactivity:	**Human**	**Calculated M.W.:**	**52.92 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_2O**	**Purification:**	**Protein A**

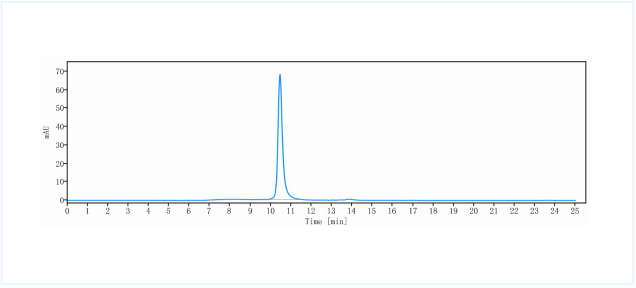
Data

Purity: SDS-PAGE



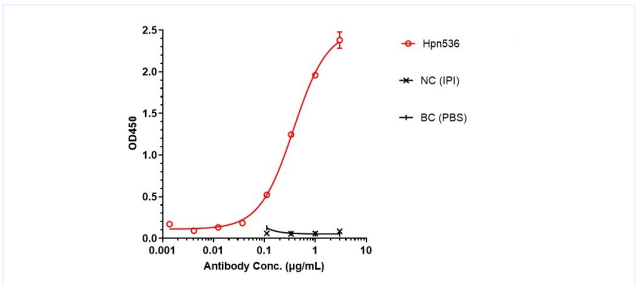
Anti-CD3e & Mesothelin & Serum Albumin Reference Antibody (Hpn536) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



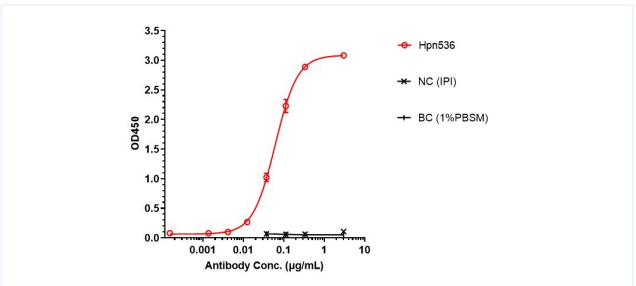
The purity of Anti-CD3e & Mesothelin & Serum Albumin Reference Antibody (Hpn536) is 100.00%, determined by SEC-HPLC.

ELISA



Hpn536 bound to MSLN protein, and then rebounded to secondary antibodies(Anti-human-IgG-Fc-HRP) , and read OD450. As shown in fig , Hpn536 bound to huMSLN-Fc, and the EC50 was 0.374 nM.

ELISA



Hpn536 bound to MSLN protein, and then rebounded to secondary antibodies(Anti-6*his-HRP) , and read OD450. As shown in fig,Hpn536 bound to HSA-Fc, and the EC50 was 0.061 nM.

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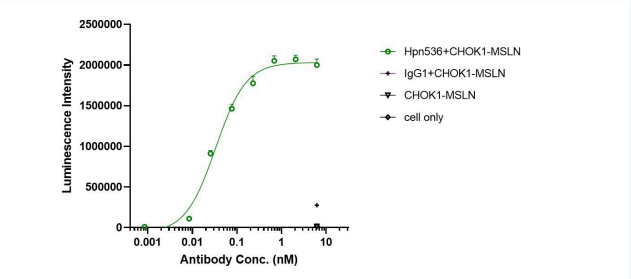
Function: Luciferase



Co-incubation of Hpn536 with Jurkat cells, then with the addition of CHOK1-MSLN cells for 6 hours. Bright-Lite was used to detect the fluorescent signal. As shown in fig, Hpn536 was able to activate the NF-AT signaling pathway, and the EC50 was 0.033 nM.