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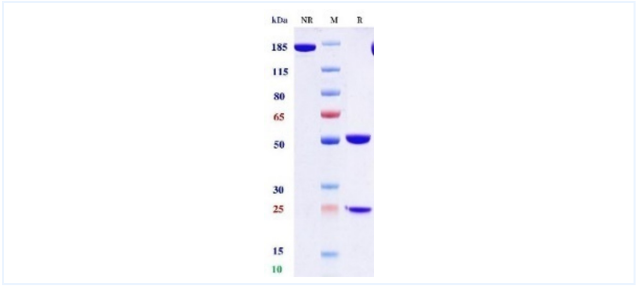
Product Details

Product name:	**Anti-CD20 & CD3 (Odronextamab Biosimilar)**	**SKU:**	**BIO0993SM**
Target Name:	**CD20 & CD3**	**Size:**	**100ug/ 1mg/ 5mg**
Target Uniprot:	**P11836 & P07766**	**Concentration:**	**Lyophilized**
Clone#:	**Odronextamab (Bispecific)**	**Isotype:**	**IgG-like**
Reactivity:	**Human**	**Calculated M.W.:**	**145.57 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 ddH₂O**	**Purification:**	**Protein A**

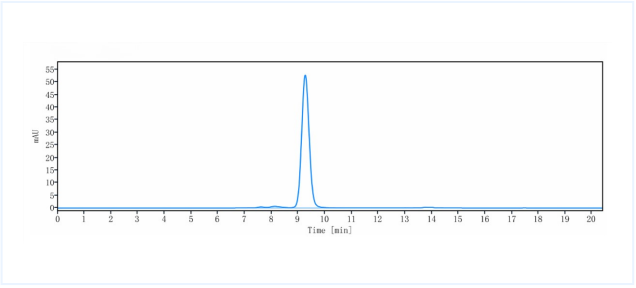
Data

Purity: SDS-PAGE



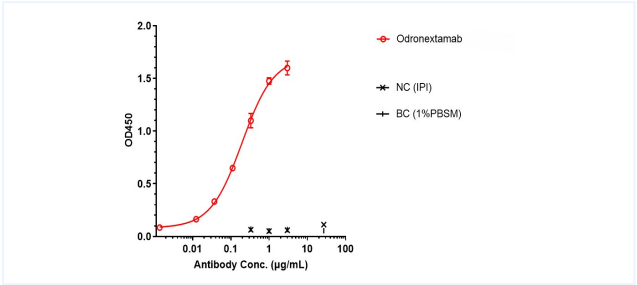
Anti-CD20 & CD3 Reference Antibody (Odronextamab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



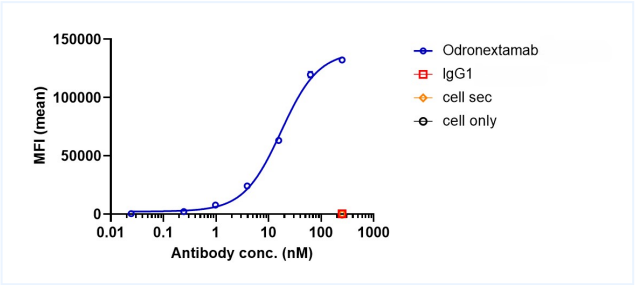
The purity of Anti-CD20 & CD3 Reference Antibody (Odronextamab) is 97.48% , determined by SEC-HPLC.

ELISA



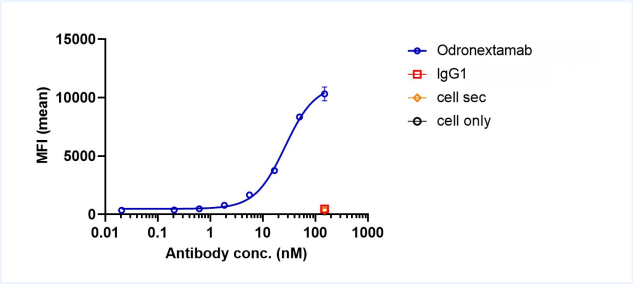
Odronextamab bound to CD20 protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Odronextamab bound human CD20-VLP, and the EC50 was 0.1964 nM.

Bioactivity: FACS



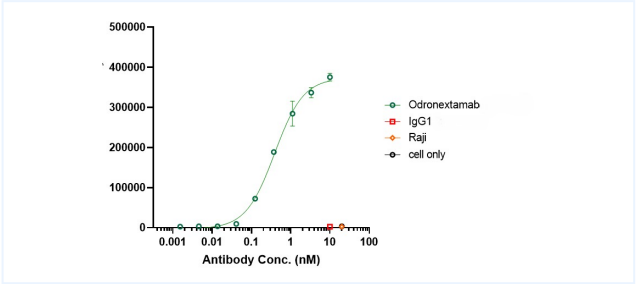
Odronextamab bound to Raji cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcγ PE), and test by flow cytometry . As shown in fig, Odronextamab bound to Raji cells, and the EC50 was 17. 3 nM.

Bioactivity: FACS



Odronextamab bound to huCD3e-jurkat cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcγ PE) , and test by flow cytometry. As shown in fig, Odronextamab bound to huCD3e-jurkat cells, and the EC50 was 26.520 nM.

Function: Luciferase



Co-incubation of Odronextab with Jurkat cells, then with the addition of Raji cells for 6 hours. Bright-Lite was used to detect the fluorescent signal.
As shown in fig, Odronextamab was able to activate the NF-AT signaling pathway.