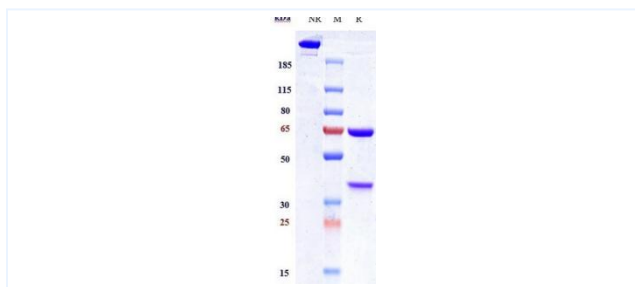


Product Details

Product name:	Anti-IL1a & IL1b (Lutikizumab Biosimilar)	SKU:	BIO0962SM
Target Name:	IL1a & IL1b	Size:	100ug/ 1mg/ 5mg
Target Uniprot:	P01583 & P01584	Concentration:	Lyophilized
Clone#:	Lutikizumab (Bispecific)	Isotype:	DVD-Ig
Reactivity:	Human	Calculated M.W.:	196.8 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

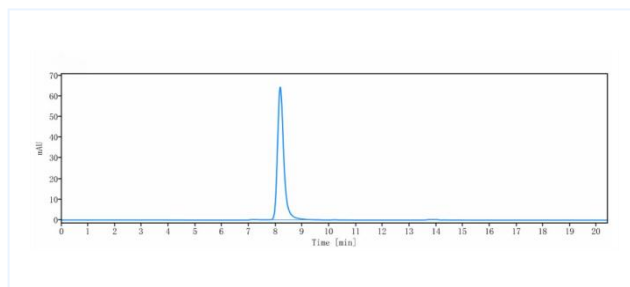
Data

Purity: SDS-PAGE



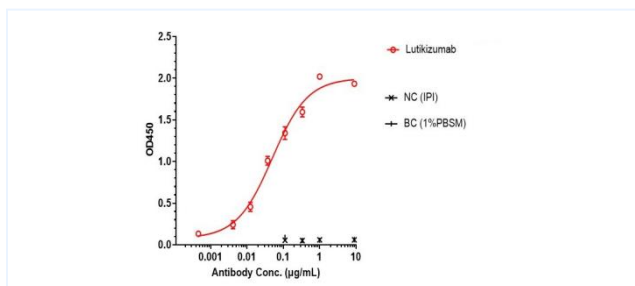
Anti-IL-1a & IL1b Reference Antibody (Lutikizumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



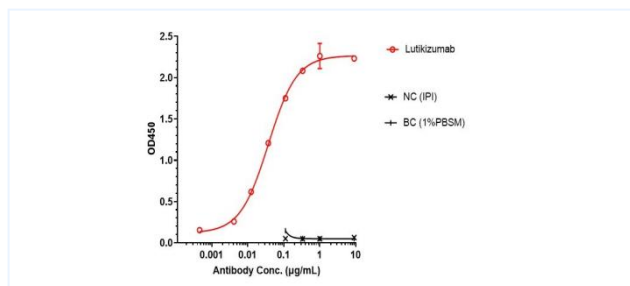
The purity of Anti-IL-1a & IL1b Reference Antibody (Lutikizumab) is 100.00 %, determined by SEC-HPLC.

Bioactivity: ELISA



Lutikizumab bound to IL-1 α protein, and then rebounded to secondary antibodies (Anti-human-IgG-Fc-HRP), and read OD450. As shown in fig, Lutikizumab bound in hu-IL-1 α -His, and the EC₅₀ was 0.050 nM.

ELISA



Lutikizumab bound to IL-1 β protein, and then rebounded to secondary antibodies (Anti-human-IgG-Fc-HRP), and read OD450. As shown in fig, Lutikizumab bound in hu-IL-1 β -His, and the EC₅₀ was 0.037 nM.

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