

Anti-GDF15 Antibody (Ponsegromab Biosimilar)

Cat. No. AB409

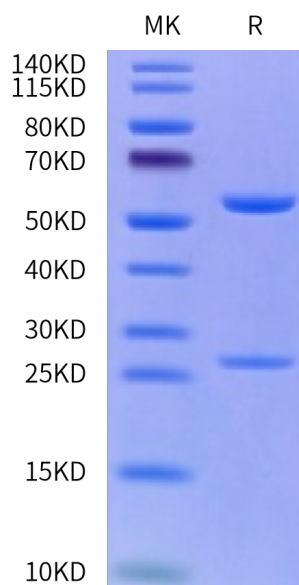
Description	
Reactivities	Human/Cynomolgus
Target	GDF15
Isotype	Human IgG1-Kappa
Conjugation	Unconjugated
ExpressSystem	HEK293
Applications	ELISA
MolecularWeight	51.26 kDa and 23.64 kDa.
Recommended Dilution Buffer	PBS (pH 7.4), contains no stabilizers or preservatives.
Purification	protein A
Sterility	0.2 μ M filtered
Endotoxin	Less than 1 EU per μ g by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage	
Formulation	PBS, 10% glycerol (pH 7.4)
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background	
Growth and differentiation factor 15 (GDF15) is an inflammation-associated hormone with poorly defined biology. Here, we investigated the role of GDF15 in bacterial and viral infections. Inflammation induced GDF15, and that GDF15 was necessary for surviving both bacterial and viral infections, as well as sepsis. The protective effects of GDF15 were largely independent of pathogen control or the magnitude of inflammatory response, suggesting a role in disease tolerance.	

Assay Data

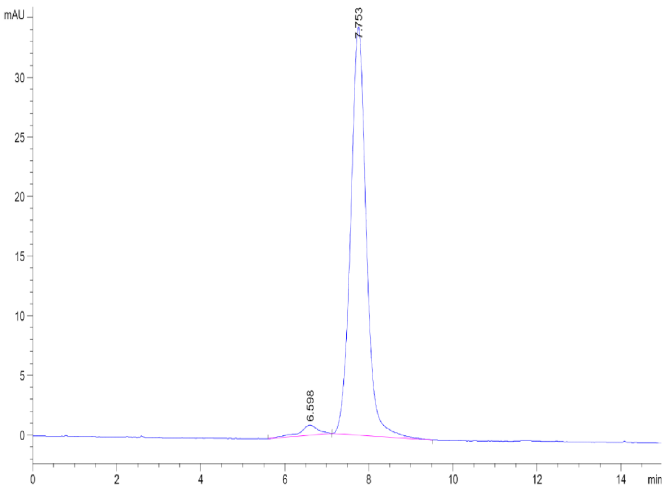
Bis-Tris PAGE



Ponsegromab Biosimilar on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data

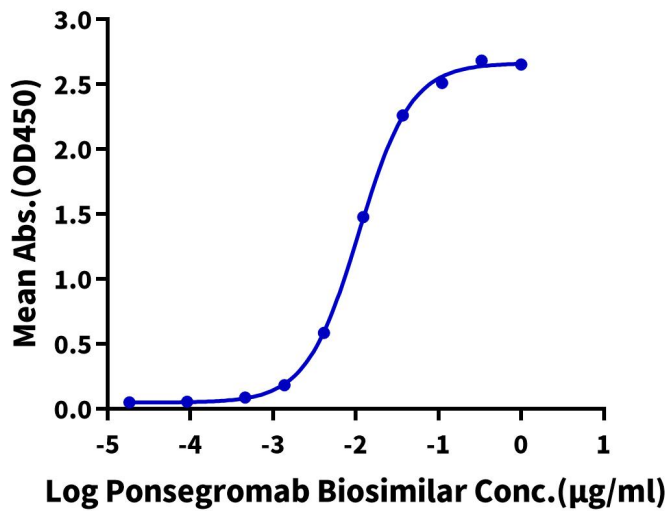


The purity of Ponsegromab Biosimilar is greater than 95% as determined by SEC-HPLC.

ELISA Data

Ponsegromab Biosimilar ELISA

0.05µg Human GDF15, His Tag Per Well



Immobilized Human GDF15, His Tag at 0.5µg/ml(100µl/well) on the plate. Dose response curve for Ponsegromab Biosimilar with the EC50 of 10.9ng/ml determined by ELISA.