

Anti-FcRn Antibody (Rozanolixizumab Biosimilar)

Cat. No. AB408

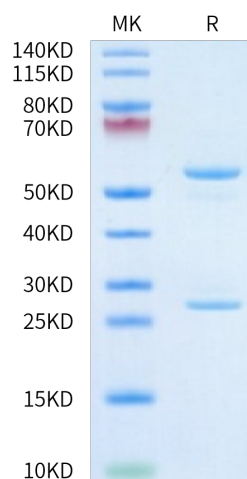
Description	
Reactivities	Human/Cynomolgus/Rhesus macaque
Target	FcRn
Isotype	Human IgG1-Kappa
Conjugation	Unconjugated
ExpressSystem	HEK293
Applications	ELISA
MolecularWeight	50.81 kDa and 23.88 kDa.
Recommended Dilution Buffer	PBS (pH 7.4), contains no stabilizers or preservatives.
Purification	protein A
Sterility	0.2 µM filtered
Endotoxin	Less than 1 EU per µg 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	
The neonatal Fc receptor (FCRN) is an approximately 45 kDa transmembrane glycoprotein with structural homology to MHC class I proteins. It is widely expressed in endothelial and epithelial cells and plays an important role in IgG homeostasis and antigen presentation by dendritic cells.FCGRT&B2M heterodimer protein (FcRn complex) consist of two subunits: p51, and p14 , and forms an MHC class I-like heterodimer.	

Assay Data

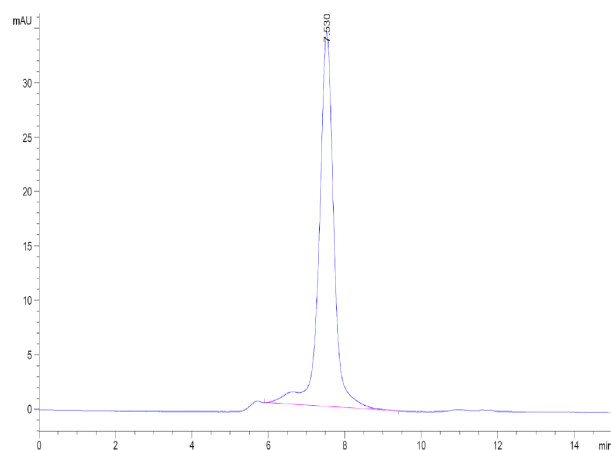
Bis-Tris PAGE



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

SEC-HPLC

Assay Data

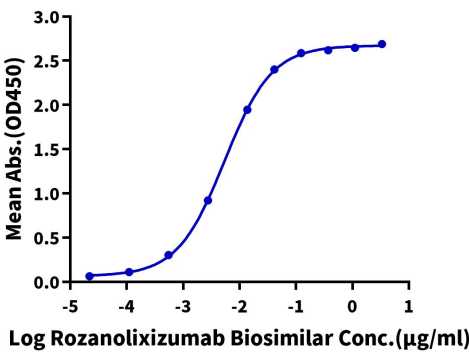


The purity of Rozanolixizumab Biosimilar is greater than 95% as determined by SEC-HPLC.

Assay Data

ELISA Data

Rozanolixizumab Biosimilar ELISA
0.1µg Human FcRn, His Tag Per Well



Immobilized Human FcRn, His Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Rozanolixizumab Biosimilar with the EC50 of 5.4 ng/ml determined by ELISA.