

Anti-Tissue Factor Antibody (Tisotumab Biosimilar)

Cat. No. AB471

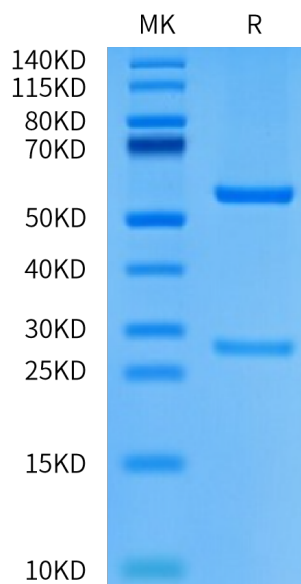
Description	
Reactivities	Human/Cynomolgus
Target	Tissue Factor
Isotype	Human IgG1-Kappa
Conjugation	Unconjugated
ExpressSystem	HEK293
Applications	ELISA
MolecularWeight	51.09 kDa and 23.37 kDa.
Recommended Dilution Buffer	PBS (pH 7.4), contains no stabilizers or preservatives.
Purification	protein A
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	
Tissue factor (also named Coagulation Factor III) is a cell surface glycoprotein responsible for initiating the extrinsic pathway of coagulation. Tissue factor is the primary cellular initiator of blood coagulation via interaction with coagulation factor VII. Aberrant expression of tissue factor is responsible for thrombosis during septic shock, atherosclerosis and cancer.	

Assay Data

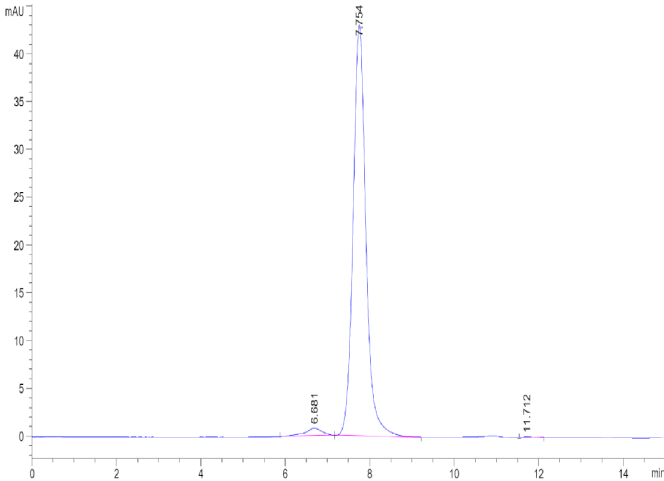
Bis-Tris PAGE



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

SEC-HPLC

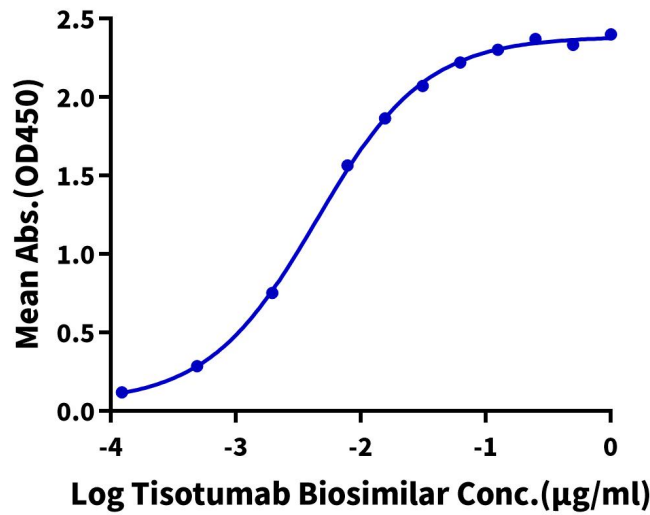
Assay Data



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

ELISA Data

Tisotumab Biosimilar ELISA
0.2µg Human Tissue Factor, His Tag Per Well



Immobilized Human Tissue Factor, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Tisotumab Biosimilar with the EC50 of 4.4ng/ml determined by ELISA.