

Anti-IL-17A Antibody (Secukinumab Biosimilar)

Cat. No. AB95

Description	
Reactivities	Human/Cynomolgus
Target	IL-17A
Isotype	Human IgG1-Kappa
Conjugation	Unconjugated
ExpressSystem	HEK293
Applications	ELISA
MolecularWeight	50.6 kDa and 23.4 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

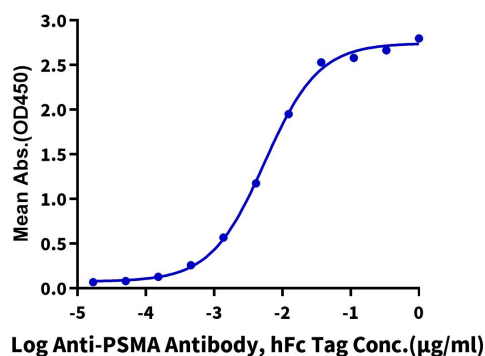
Formulation and Storage	
Formulation	PBS, 10% glycerol (pH 7.4)
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background	
Interleukin17A (IL17A), also known as CTLA8, is a 1520 kDa glycosylated cytokine that plays an important role in antimicrobial and chronic inflammation. The six IL17 cytokines (IL17AF) are encoded by separate genes but adopt a conserved cystine knot fold. IL-17A is a ligand for IL17RA and IL17RC. The heterodimer formed by IL17A and IL17F is a ligand for the heterodimeric complex formed by IL17RA and IL17RC. Involved in inducing stromal cells to produce proinflammatory and hematopoietic cytokines.	

Assay Data	
Bis-Tris PAGE	

Biotinylated Human PSMA, His-Avi Tag ELISA

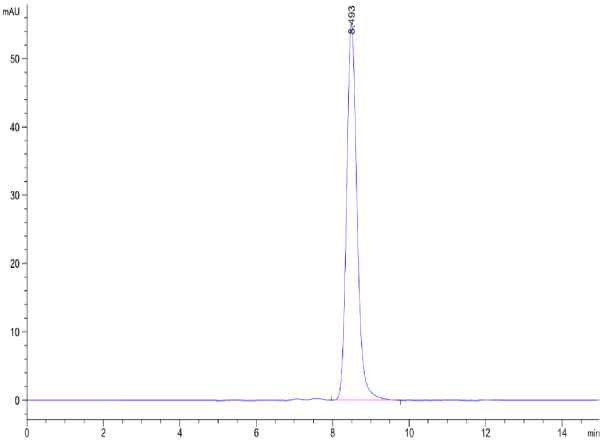
0.05 μ g Biotinylated Human PSMA, His-Avi Tag Per Well



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

SEC-HPLC

Assay Data

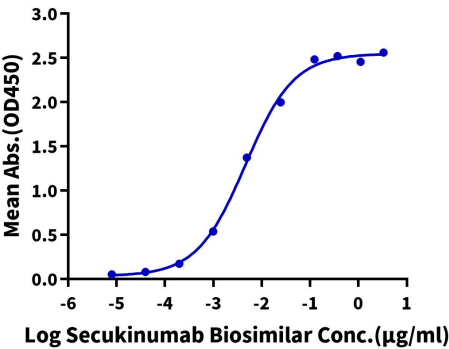


The purity of Secukinumab Biosimilar is greater than 95% as determined by SEC-HPLC.

Assay Data

ELISA Data

Secukinumab Biosimilar ELISA
0.05µg Human IL-17A, His Tag Per Well



Immobilized Human IL-17A, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Secukinumab Biosimilar with the EC50 of 4.6ng/ml determined by ELISA.