Anti-TSLP Antibody (Tezepelumab Biosimilar)

Cat. No. AB118

Description

Reactivities	Human/Cynomolgus
Target	TSLP
Isotype	Human IgG1-Kappa
Conjugation	Unconjugated
ExpressSystem	HEK293
Applications	ELISA
MolecularWeight	49.5 kDa and 23.8 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

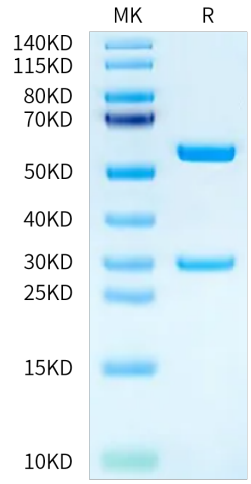
Formulation	PBS, 10% glycerol (pH 7.4)
Storage	Valid for 12 months from date of receipt when stored at -80°C.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Thymic Stromal Lymphopoietin (TSLP) was originally identified as an activity from the conditioned medium of a mouse thymic stromal cell line that promoted the development of B cells. Cytokine that induces the release of T-cell-attracting chemokines from monocytes and, in particular, enhances the maturation of CD11c dendritic cells. Can induce allergic inflammation by directly activating mast cells.

Assay Data

Bis-Tris PAGE



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

SEC-HPLC

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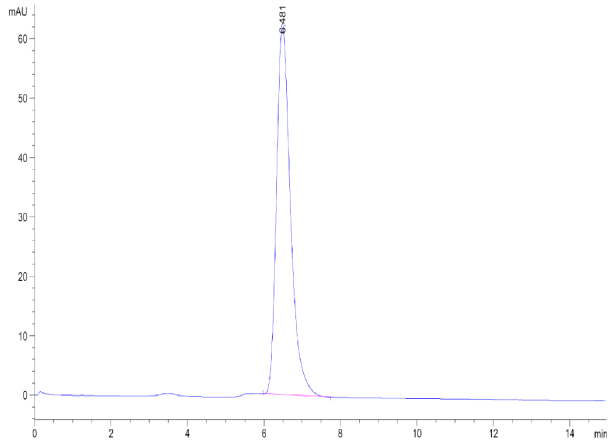
Assay Data



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

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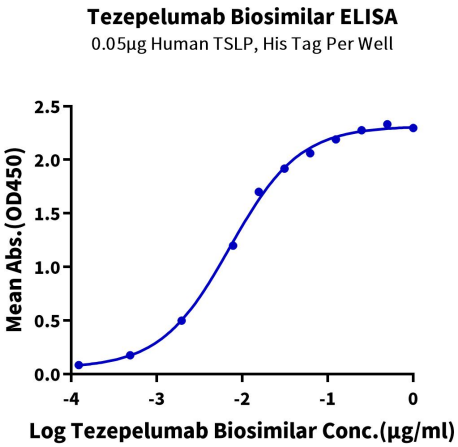
Assay Data

ELISA Data



Immobilized Human TSLP, His Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Tezepelumab Biosimilar with the EC50 of 7.2ng/ml determined by ELISA.