Anti-TSLP hIgG2 Reference Antibody (Tezbio)

Product Information
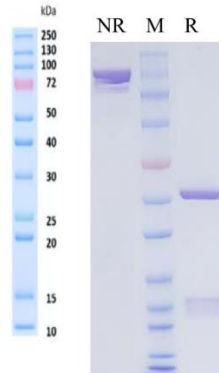
Product Name	Anti-TSLP hIgG2 Reference Antibody (Tezbio)
Storage temp.	Store at 2-8℃ short term (1-2 weeks).Store at ≤ -20℃ long term. Avoid repeated freeze-thaw.
Catalog# / Size	GM-87344MAB-1mg / 1 mg
	GM-87344MAB-5mg / 5 mg
	GM-87344MAB-25mg / 25 mg
	GM-87344MAB-50mg / 50 mg
	GM-87344MAB-100mg / 100 mg

Antibody Information

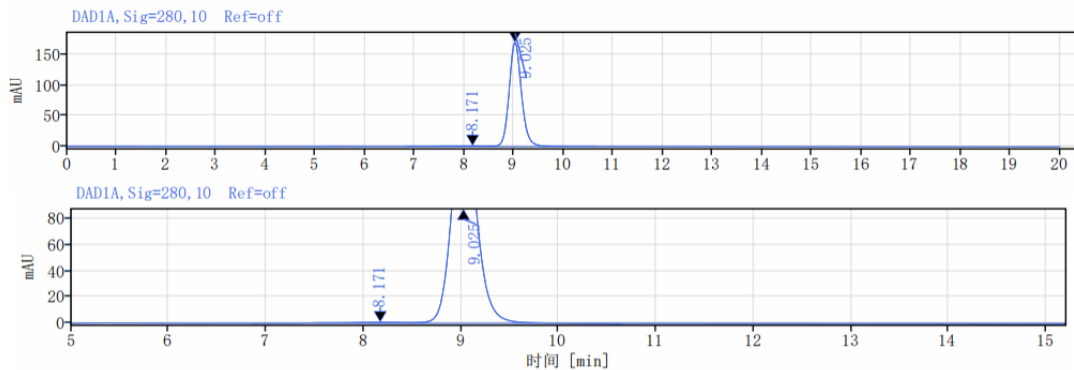|	
Expression System	CHO
Aggregation	< 5% as determined by SEC-HPLC
Purity	> 95% as determined by SDS-PAGE
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay
Sterility	0.2 μm Filtered
Target	TSLP
Clone	Tezepelumab
Alternative Names	/
Source/Isotype	Human IgG2, Lambda
Application	Bioactivity-ELISA
Description	The TSLP (Thymic Stromal Lymphopoietin) gene encodes a cytokine involved in regulating immune responses. It is produced by epithelial cells in tissues like the lungs and skin, and it influences immune cells such as dendritic cells and T cells. TSLP plays a significant role in maintaining immune balance and is linked to allergic and inflammatory conditions like asthma and atopic dermatitis. Research continues to explore TSLP as a target for treating immune-related disorders.
Formulation	phosphate-buffered solution, pH 7.4.

Version:3.1

Data Examples

SDS-PAGE

On SDS-PAGE under reducing (R)/non-reducing(N-R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

SEC-HPLC

The purity of this product is more than 95% verified by SEC-HPLC

Data Examples

Bioactivity-ELISA

Human TSLP Protein; His Tag (Catalog # GM-87654RP) was immobilized at 1 μg/ml (100 μL/well). Increasing concentrations of Anti-TSLP hIgG2 Reference Antibody (Tezbio) (Catalog # GM- GM-87344MAB) were added.
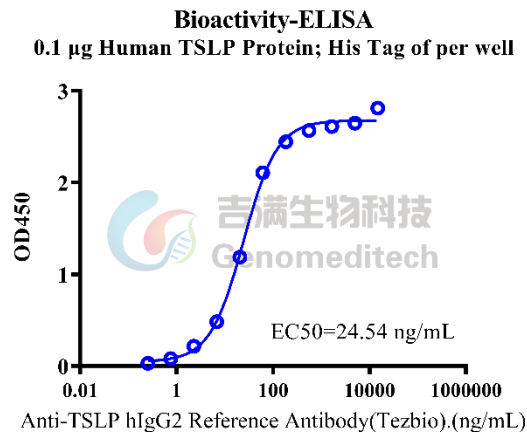
Bioactivity-ELISA
0.1 μg Human TSLP Protein; His Tag of per well

EC50=24.54 ng/mL

Fig. assay

Version:3.1

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