

# Anti-TSLP Reference Antibody (tezepelumab)

Recombinant Antibody  
Catalog # APR10264

## Product Information

---

<b>Application</b>	FC, Kinetics, Animal Model
<b>Primary Accession</b>	<a href="#">Q969D9</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2
<b>Calculated MW</b>	18141

## Additional Information

---

<b>Target/Specificity</b>	TSLP
<b>Endotoxin Conjugation</b>	Unconjugated
<b>Expression system</b>	CHO Cell
<b>Format</b>	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

## Protein Information

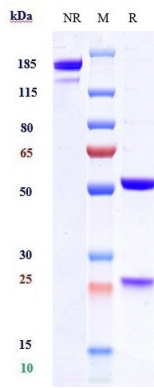
---

<b>Name</b>	TSLP
<b>Function</b>	[Isoform 1]: 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.
<b>Cellular Location</b>	Secreted.
<b>Tissue Location</b>	Isoform 1 is expressed in a number of tissues including heart, liver and prostate. Isoform 2 is the predominant form in keratinocytes of oral mucosa, skin and in salivary glands. It is secreted into saliva.

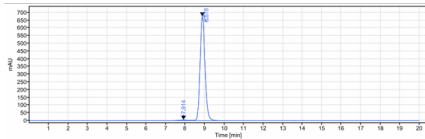
## Images

---

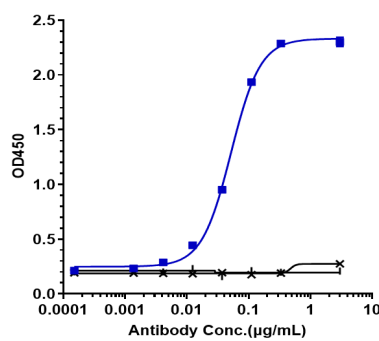
Anti-TSLP Reference Antibody (tezepelumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is



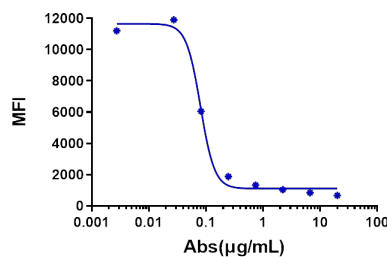
greater than 95%



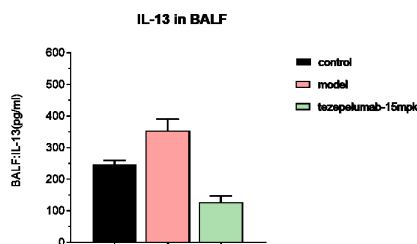
The purity of Anti-TSLP Reference Antibody (tezepelumab) is more than 98.64%, determined by SEC-HPLC.



Immobilized human TSLP His at 2  $\mu\text{g/mL}$  can bind Anti-TSLP Reference Antibody (tezepelumab),  $\text{EC}_{50}=0.0518 \mu\text{g/mL}$



Anti-TSLP Reference Antibody (tezepelumab)-induced FACS Blocking activity was evaluated using TSLPR/IL7R-CHO-K. The  $\text{IC}_{50}$  was approximately 0.0802  $\mu\text{g/mL}$ .



Tezepelumab reduced levels of IL13 in BALF of OVA asthma model on B-hTSLP/hTSLPR mice. The result showed significant IL13 inhibition effects at 15 mpk.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.