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# Anti-TSLP Reference Antibody (tezepelumab)

Recombinant Antibody
Catalog # APR10264

## Product Information

| | |
|---|---|
| **Application** | Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA |
| **Primary Accession** | Q969D9 |
| **Clonality** | Monoclonal |
| **Isotype** | Human IgG2 |
| **Calculated MW** | 18141 |

## Additional Information

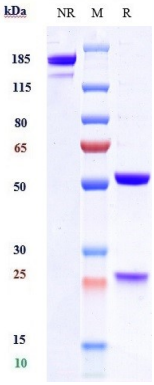
| | |
|---|---|
| **Target/Specificity** | TSLP |
| **Endotoxin** | |
| **Conjugation** | Unconjugated |
| **Expression system** | CHO |
| **Format** | Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column. |

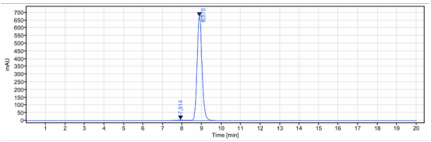
## Protein Information

| | |
|---|---|
| **Name** | TSLP |
| **Function** | [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. |
| **Cellular Location** | Secreted. |
| **Tissue Location** | 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. |

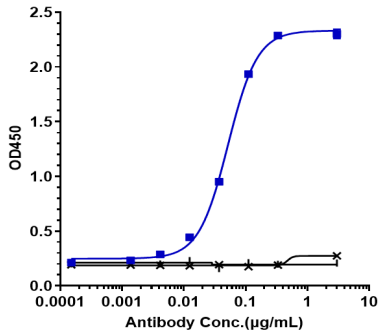
## Images

Anti- Human TSLP( Tezepelumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

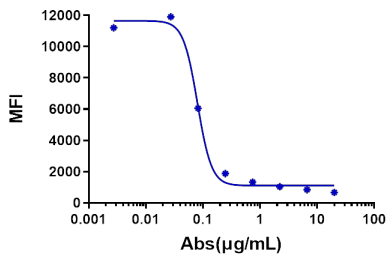


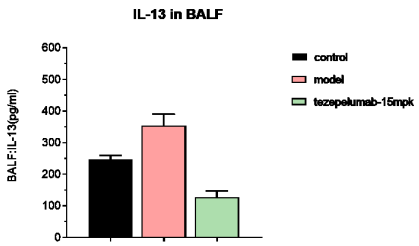
The purity of Anti- Human TSLP( Tezepelumab) is 98.64%, determined by SEC-HPLC.




Immobilized human TSLP (His Tag, 2 μg/mL) can bind to Anti- Human TSLP( Tezepelumab) with an EC50 of 0.0518 ug/mL.




The FACS-based blocking activity of the anti- human TSLP( Tezepelumab)was evaluated using TSLPR/IL7R-expressing CHO-K1 cells, with an IC □□of approximately 0.0802 μg/mL.




Anti- Human TSLP( 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'.