10320 Camino Santa Fe, Suite G
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Anti-TSLP Reference Antibody (tezepelumab)

Recombinant Antibody
Catalog # APR10264

Specification

Anti-TSLP Reference Antibody (tezepelumab) - Product Information

Application	**FC, Kinetics, Animal Model**
Primary Accession	Q969D9
Reactivity	**Human**
Clonality	**Monoclonal**
Isotype	**IgG2**
Calculated MW	**144.6 KDa**

Anti-TSLP Reference Antibody (tezepelumab) - Additional Information

Target/Specificity
TSLP

Endotoxin
< 0.001EU/ μg,determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Anti-TSLP Reference Antibody (tezepelumab) - 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.

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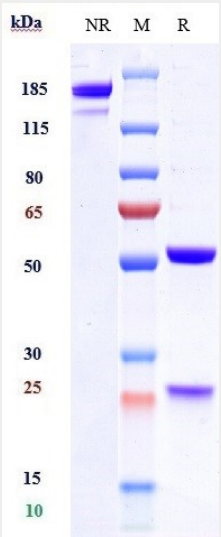
Anti-TSLP Reference Antibody (tezepelumab) - Protocols

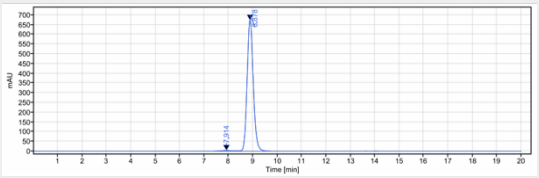
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-TSLP Reference Antibody (tezepelumab) - 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.

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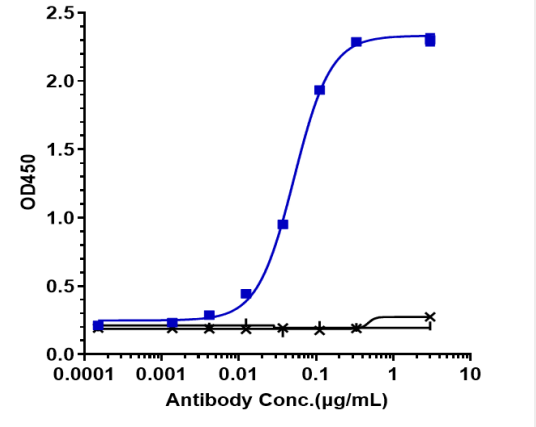
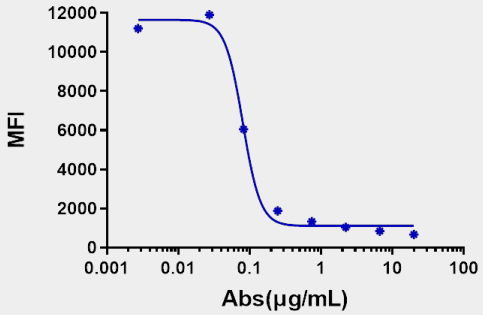
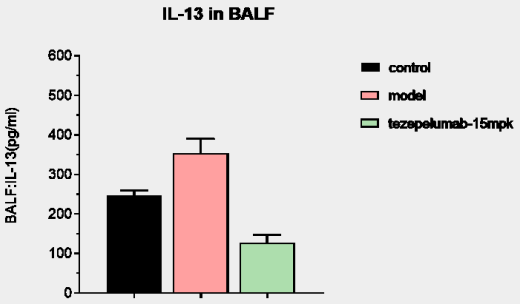


Immobilized human TSLP His at 2 μg/mL can bind Anti-TSLP Reference Antibody (tezepelumab)，EC50=0.0518 μg/mL



Anti-TSLP Reference Antibody (tezepelumab)-induced FACS Blocking activity was evaluated using TSLPR/IL7R-CHO-K. The IC50 was approximately 0.0802 μg/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.