

TSLP recombinant antibody

Anti-TSLP Reference Antibody (tezepelumab)

CATALOG # AAA296962	HOST CHO Cell	REACTIVITY Human, Cynomolgus	APPLICATIONS Flow Cytometry, Functional Assay
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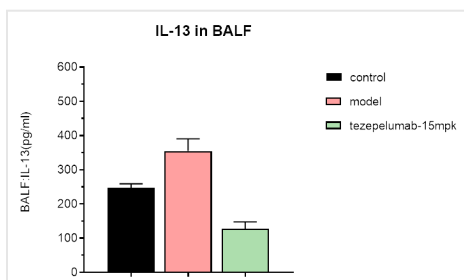
PRODUCT SYNONYMS

TSLP; Monoclonal Recombinant Antibody; Anti-TSLP Reference Antibody (tezepelumab); TSLP recombinant antibody

PRODUCT SPECIFICATIONS

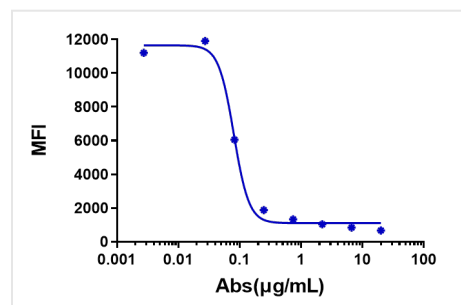
Host	CHO Cell
Reactivity	Human, Cynomolgus
Clonality	Monoclonal
Isotype	IgG2
Specificity	TSLP
Purity/Purification	This antibody is purified through a protein A column.
Form/Format	Purified monoclonal antibody supplied in PBS, pH 6.0, without preservative.
Applicable Applications for TSLP recombinant antibody	FCM/FACS (Flow Cytometry)
Endotoxin	< 0.001EU/ug, determined by LAL method.
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.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -20 degree C in small aliquots to prevent freeze/thaw cycles

IMAGES



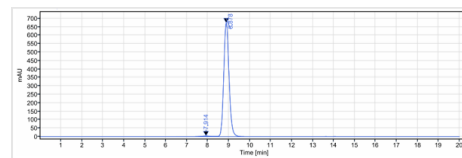
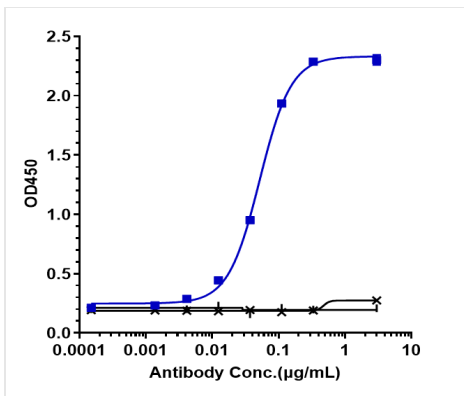
Application Data

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.



FCM/FACS (Flow Cytometry)

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

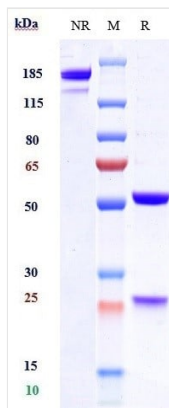


Application Data

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

Application Data

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



SDS-PAGE

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%

ADDITIONAL INFORMATION

Product Categories/Family for TSLP recombinant antibody

[Primary Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	190886449
NCBI GeneID	85480
NCBI Accession #	NP_612561.2
NCBI GenBank Nucleotide #	NM_138551.4
UniProt Accession #	Q969D9 ; Q8IW99
Molecular Weight	144.6 kDa
NCBI Official Full Name	thymic stromal lymphopoietin isoform 2
NCBI Official Synonym Full Names	thymic stromal lymphopoietin
NCBI Official Symbol	TSLP
NCBI Protein Information	thymic stromal lymphopoietin
UniProt Protein Name	Thymic stromal lymphopoietin
UniProt Gene Name	TSLP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tslp-recombinant-antibody-flow-cytometry-elisa/296962>