TSLP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TSLP, Polyclonal Antibody
Full Product Name	TSLP Conjugated Antibody
Product Gene Name	anti-TSLP antibody
Product Synonym Names	Thymic stromal lymphopoietin; TSLP
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total TSLP protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	7,426 Da
OMIM	607003
3D Structure	ModBase 3D Structure for Q969D9
Immunogen	Full length fusion protein
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-TSLP antibody	Most Applications
Application Notes for anti-TSLP antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-TSLP antibody	This gene encodes a hemopoietic cytokine proposed to signal through a heterodimeric receptor complex composed of the thymic stromal lymphopoietin receptor and the IL-7R alpha chain. It mainly impacts myeloid cells and induces the release of T cell-attracting chemokines from monocytes and enhances the maturation of CD11c (+) dendritic cells. The protein promotes T helper type 2 (TH2) cell responses that are associated with immunity in various inflammatory diseases, including asthma, allergic inflammation and chronic obstructive pulmonary disease. The protein is therefore considered a potential therapeutic target for the treatment of such diseases. Alternative splicing of this gene results in multiple transcript variants.
Other Notes	Small volumes of anti-TSLP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for TSLP purchase	MBS9446444 is an antibody targeting TSLP. Also known as TSLP Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TSLP. It may not necessarily be applicable to this product.

NCBI GI #	16876878
NCBI GeneID	85480
NCBI Accession #	BC016720
UniProt Primary Accession #	Q969D9
UniProt Secondary Accession #	Q8IW99; Q96AU7; G3XAM8
UniProt Related Accession #	Q969D9
NCBI Official Full Name	Homo sapiens thymic stromal lymphopoietin, mRNA
NCBI Official Synonym Full Names	thymic stromal lymphopoietin
NCBI Official Symbol	TSLP
UniProt Protein Name	Thymic stromal lymphopoietin
Protein Family	Thymic stromal lymphopoietin
UniProt Gene Name	TSLP
UniProt Entry Name	TSLP_HUMAN
NCBI Protein Information	thymic stromal lymphopoietin
NCBI Summary for TSLP	This gene encodes a hemopoietic cytokine proposed to signal through a heterodimeric receptor complex composed of the thymic stromal lymphopoietin receptor and the IL-7R alpha chain. It mainly impacts myeloid cells and induces the release of T cell-attracting chemokines from monocytes and enhances the maturation of CD11c(+) dendritic cells. The protein promotes T helper type 2 (TH2) cell responses that are associated with immunity in various inflammatory diseases, including asthma, allergic inflammation and chronic obstructive pulmonary disease. The protein is therefore considered a potential therapeutic target for the treatment of such diseases. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2012]
UniProt Comments for TSLP	TSLP: 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. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 5q22.1 Cellular Component: extracellular space Molecular Function: cytokine activity
Research Articles on TSLP	**1.** study shows that specific food antigens can trigger innate immune mediated esophageal TSLP secretion
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/tslp/9446444