

Datasheet for ABIN6990253

**anti-Thymic Stromal Lymphopoietin antibody (C-Term)**[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	Thymic Stromal Lymphopoietin (TSLP)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Thymic Stromal Lymphopoietin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Anti-TSLP antibody was raised against a peptide corresponding to 17 amino acids near the carboxy terminus of human TSLP. The immunogen is located within the last 50 amino acids of TSLP.
Isotype:	IgG
Purification:	TSLP Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	Thymic Stromal Lymphopoietin (TSLP)
Alternative Name:	TSLP ( <a href="#">TSLP Products</a> )
Background:	TSLP Antibody: Thymic stromal lymphopoietin (TSLP) has recently been identified as an important factor capable of driving dendritic cell maturation and activation. TSLP is a four-helix-

## Target Details

bundle cytokine that is expressed mainly by barrier epithelial cells and is a potent activator of several cell types such as myeloid dendritic cells. TSLP is involved in the positive selection of regulatory T cells, maintenance of peripheral CD4+ T cell homeostasis and the induction of CD4+ T cell-mediated allergic reaction. TSLP is also capable of supporting the growth of fetal liver and adult B cell progenitors and their differentiation to the IgM-positive stage of B cell development. Amino acid sequence analysis has shown poor homology between human and mouse TSLP although they exhibit similar biological functions and are expressed in similar tissues. At least two differentially spliced isoforms of TSLP are known to exist.

Molecular Weight:	Predicted: 18 kD  Observed: 26 kD ( Post-modifications: 2 N-linked glycosylations). kDa
Gene ID:	85480
NCBI Accession:	<a href="#">NP_149024</a>
UniProt:	<a href="#">Q969D9</a>

## Application Details

Application Notes:	WB: 0.25 - 2 µg/mL, IHC-P: 2.5 µg/mL.  Antibody validated: Western Blot in human samples, Immunohistochemistry and Immunocytochemistry in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	TSLP Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	TSLP antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As

with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.