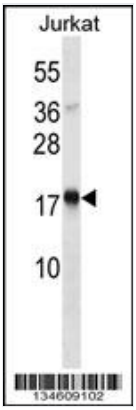
TSLP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TSLP, Polyclonal Antibody
Full Product Name	TSLP Antibody (C-term)
Product Gene Name	anti-TSLP antibody
Product Synonym Names	Thymic stromal lymphopoietin; TSLP
Clonality	Polyclonal
Isotype	Rabbit Ig
Host	Rabbit
Species Reactivity	Human
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Concentration	Vial Concentration: 0.5 (lot specific)
Specificity	This TSLP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 101-130 amino acids from the C-terminal region of human TSLP.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	TSLP peptide (MBS9221436) is used for blocking the activity of TSLP antibody (MBS9203557)
Molecular Weight	18141
Immunogen Sequence Positions	101-130
OMIM	607003
3D Structure	ModBase 3D Structure for Q969D9
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Product Categories/Family for anti-TSLP antibody	Immunology
Applications Tested/Suitable for anti-TSLP antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-TSLP antibody	WB~~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. Alternative splicing of this gene results in two transcript variants.

Product References and Citations for anti-TSLP antibody	Hunninghake, G.M., et al. Allergy 65(12):1566-1575(2010) Angelova-Fischer, I., et al. J. Invest. Dermatol. 130(10):2505-2507(2010) Smelter, D.F., et al. J. Immunol. 185(5):3035-3040(2010) Wu, W.H., et al. J. Allergy Clin. Immunol. 126(2):290-299(2010) Harada, M., et al. Am. J. Respir. Cell Mol. Biol. (2010) In press :
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	MBS9203557 is an antibody targeting TSLP. Also known as TSLP Antibody (C-term). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-TSLP antibody
TSLP Antibody (C-term) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the TSLP antibody detected the TSLP protein (arrow).

ADDITIONAL DETAILS

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

NCBI GI #	14719428
NCBI GeneID	85480
NCBI Accession #	NP_149024.1
UniProt Primary Accession #	Q969D9
UniProt Secondary Accession #	Q8IW99; Q96AU7; G3XAM8
UniProt Related Accession #	Q969D9
GenBank Nucleotide #	NM_033035.4
NCBI Official Full Name	thymic stromal lymphopoietin isoform 1
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.** DCs are primed in human asthma for TSLP-driven induction of both Th2 and Th9 cells.
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