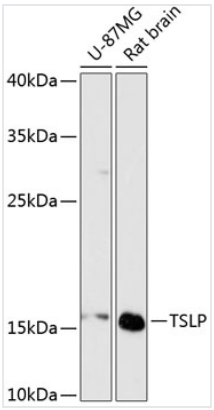
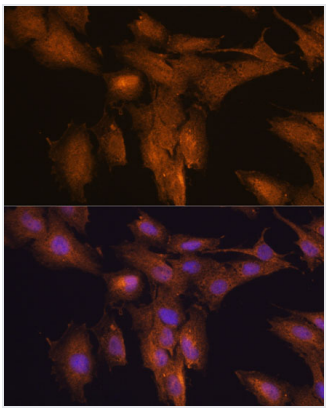
TSLP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

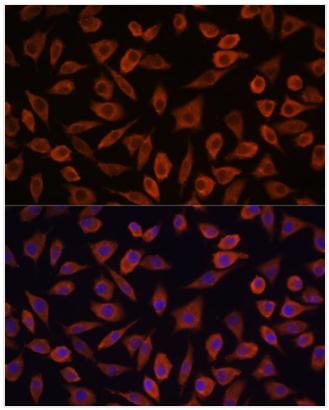
Product Name	TSLP, Polyclonal Antibody
Full Product Name	TSLP Rabbit Polyclonal Antibody
Product Gene Name	anti-TSLP antibody
Product Synonym Names	TSLP
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	18,141 Da
Chromosome Location	Chromosome: 5; NC_000005.9 (110405778..110413722). Location: 5q22.1
OMIM	607003
3D Structure	ModBase 3D Structure for Q969D9
Immunogen	Recombinant fusion protein of human TSLP (NP_149024.1).
Product Categories/Family for anti-TSLP antibody	Primary Antibody
Applications Tested/Suitable for anti-TSLP antibody	Western Blot (WB), Immunofluorescence (IF)
Application Notes for anti-TSLP antibody	WB: 1:500-1:2000 IF: 1:50-1:200
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	MBS9464769 is an antibody targeting TSLP. Also known as TSLP Rabbit Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



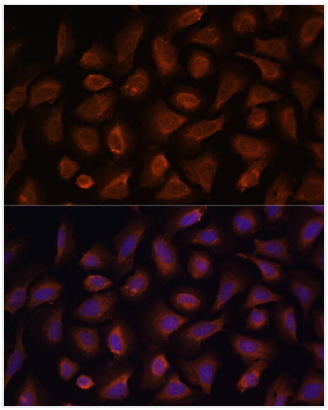
Western Blot (WB) of anti-TSLP antibody
Western blot analysis of extracts of various cell lines, using TSLP at 1:3000 dilution.



Immunofluorescence (IF) of anti-TSLP antibody
Immunofluorescence analysis of C6 cells using TSLP at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence (IF) of anti-TSLP antibody
Immunofluorescence analysis of L929 cells using TSLP at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence (IF) of anti-TSLP antibody
Immunofluorescence analysis of U-2 OS cells using TSLP at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL DETAILS

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

NCBI GI #	190886449
NCBI GeneID	85480
NCBI Accession #	NP_612561.2
UniProt Primary Accession #	Q969D9
UniProt Secondary Accession #	Q8IW99
UniProt Related Accession #	Q969D9
GenBank Nucleotide #	NM_138551.4
NCBI Official Full Name	thymic stromal lymphopoietin isoform 2
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
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.** This study suggests that SNPs in TSLP gene may exert a gender and/or nasal polyposis-dependent risk for development of CRS in Chinese subjects.
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.
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