

## Datasheet: AHP1286

<b>Description:</b>	RABBIT ANTI HUMAN TSLP
<b>Specificity:</b>	TSLP
<b>Other names:</b>	THYMIC STROMAL LYMPHOPOIETIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			
ELISA	▪			0.5 - 2.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

**(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.**

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - lyophilized
<b>Reconstitution</b>	Reconstitute with 0.1ml distilled water. For long term storage the addition of 0.09% sodium azide is recommended.
<b>Antiserum Preparation</b>	Antisera to human TSLP were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline

<b>Preservative Stabilisers</b>	None present
<b>Carrier Free</b>	Yes
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml
<b>Immunogen</b>	Recombinant human TSLP.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q969D9</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">85480</a>    TSLP    <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_2287808
<b>Specificity</b>	<p><b>Rabbit anti Human TSLP antibody</b> recognizes human TSLP (thymic stromal lymphopoietin), a 132 amino acid secreted haemopoietic cytokine which shares biological properties with interleukin-7 (IL-7), including involvement in B-cell development, and the activation and phosphorylation of STAT3 and STAT5.</p> <p>TSLP is expressed in the heart, liver and prostate and functions through binding to a receptor complex consisting of the TSLPR (thymic stromal lymphopoietin receptor) and the IL-7R alpha chain. Properties attributed to TSLP include the induction of monocytes to release T cell-attracting chemokines, enhancing the maturation of CD11c<sup>+</sup> dendritic cells and their ability to stimulate T cells, and strong evidence suggests that TSLP plays a pivotal role in allergic immune responses.</p>
<b>Further Reading</b>	1. Liu, Y.J. <i>et al.</i> (2007) TSLP: an epithelial cell cytokine that regulates T cell differentiation by conditioning dendritic cell maturation. <a href="#">Annu Rev Immunol. 25: 193-219.</a>
<b>Storage</b>	<p>Prior to reconstitution store at -20°C.  After reconstitution store at -20°C.</p> <p>This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10294 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP1286">https://www.bio-rad-antibodies.com/SDS/AHP1286</a> 10294
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

### Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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