

Datasheet: AHP1286

BATCH NUMBER 150347

Description:	RABBIT ANTI HUMAN TSLP
Specificity:	TSLP
Other names:	THYMIC STROMAL LYMPHOPOIETIN
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Human
Product Form	Purified IgG - lyophilised
Reconstitution	Reconstitute with 0.1ml distilled water. For long term storage the addition of 0.09% sodium azide is recommended.

Antiserum Preparation Antisera to human TSLP were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Recombinant human TSLP.
External Database Links	<p>UniProt: Q969D9 Related reagents</p> <p>Entrez Gene: 85480 TSLP Related reagents</p>
RRID	AB_2287808
Specificity	<p>Rabbit anti Human TSLP antibody 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⁺ dendritic cells and their ability to stimulate T cells, and strong evidence suggests that TSLP plays a pivotal role in allergic immune responses.</p>
Further Reading	1. Liu, Y.J. <i>et al.</i> (2007) TSLP: an epithelial cell cytokine that regulates T cell differentiation by conditioning dendritic cell maturation. Annu Rev Immunol. 25: 193-219.
Storage	<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>
Guarantee	6 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10162 available at: https://www.bio-rad-antibodies.com/SDS/AHP1286 10162</p>

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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'M372488:200706'

Printed on 12 Aug 2023
