

Datasheet: AHP1286

BATCH NUMBER 161213

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| 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.

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| 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.

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|---------------------------------------|---|
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | None present |
| 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 +4°C. After reconstitution store at -20°C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p> |
| Guarantee | 12 months from date of reconstitution. |
| Health And Safety Information | Material Safety Datasheet documentation #10162 available at: https://www.bio-rad-antibodies.com/SDS/AHP1286 10162 |
| Regulatory | 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

'M342696:190110'

Printed on 12 Aug 2023

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