

## Datasheet: AHP2839Z

<b>Description:</b>	RABBIT ANTI HUMAN INTERLEUKIN-25:Preservative Free
<b>Specificity:</b>	IL-25
<b>Other names:</b>	IL-17E
<b>Format:</b>	Preservative Free
<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
ELISA	▪			0.5 ug/ml - 2.0 ug/ml
Western Blotting	▪			0.1 ug/ml - 0.2 ug/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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - lyophilized
<b>Reconstitution</b>	Reconstitute with 0.1 ml distilled water
<b>Antiserum Preparation</b>	Produced from sera of rabbits immunized with recombinant human interleukin-17E and purified by affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Carrier Free</b>	Yes
<b>Endotoxin Level</b>	< 0.1 ng/μg of protein (< 1 EU/μg)

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml after reconstitution
<b>Immunogen</b>	<i>E. coli</i> derived recombinant human interleukin-25
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q9H293</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">64806</a>   IL25   <a href="#">Related reagents</a></p>
<b>Synonyms</b>	IL17E
<b>Specificity</b>	<p><b>Rabbit anti Human interleukin-25 antibody</b>, recognizes interleukin-25 (IL-25) also known as IL-17E. IL-25 is a member of the IL-17 family of cytokines and is expressed by various immune cells including mast cells, eosinophils, basophils and T helper type 2 cells. It is also expressed in non-hematopoietic cells such as epithelial and endothelial cells (<a href="#">Yao <i>et al.</i> 2016</a>). As a pleiotropic cytokine, it stimulates stromal, innate immune and adaptive immune cells to regulate Th2 type inflammation (<a href="#">Monin &amp; Gaffen 2018</a>). IL-25 exerts its biological function through its receptor IL-17RB, although there is some evidence that it may also bind to the receptor IL-17RA (<a href="#">Yao <i>et al.</i> 2016</a>). Through this interaction, IL-25 is able to induce expression of IL-4, IL-5, IL-13 and TSLP (<a href="#">McGeachy <i>et al.</i> 2019</a>).</p> <p>IL-25 is upregulated in asthmatic conditions and can induce typical eosinophil inflammation and airway hyperresponsiveness (<a href="#">Yao <i>et al.</i> 2016</a>). IL-25 levels are also associated with the severity of chronic allergic reactions (<a href="#">Monin &amp; Gaffen 2018</a>).</p>
<b>Storage</b>	<p>This product is shipped at ambient temperature.  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/AHP2839Z10294">https://www.bio-rad-antibodies.com/SDS/AHP2839Z10294</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

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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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