

Datasheet: AHP2809Z

**BATCH NUMBER 156483**

<b>Description:</b>	RABBIT ANTI HUMAN SOLUBLE INTERLEUKIN-4 RECEPTOR SUBUNIT ALPHA:Preservative Free
<b>Specificity:</b>	sIL-4 RECEPTOR SUBUNIT ALPHA
<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 soluble interleukin-4 receptor subunit alpha 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>	CHO cell line derived recombinant soluble interleukin-4 receptor subunit alpha (sIL-4RA) corresponding to 209 amino acid residues of the extracellular domain of IL-4RA
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P24394</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">3566</a>    IL4R    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	IL4RA
<b>Specificity</b>	<p><b>Rabbit anti Human sIL-4 receptor alpha antibody</b>, recognizes soluble interleukin-4 receptor subunit alpha (sIL-4RA), also known as IL-4 binding protein.</p> <p>sIL-4RA is the naturally occurring soluble form of IL-4RA, a type I receptor which is a functional receptor of IL-4 and IL-13 (<a href="#">Henderson et al. 2000</a>). sIL-4RA is present in biological fluids and contains only the extracellular portion of IL-4RA (<a href="#">Andrews et al. 2006</a>). It is produced by proteolytic shedding of the membrane bound form or through alternative splicing of the gene. Like IL-4RA, the soluble form is able to bind IL-4, which effectively inhibits the biological function of IL-4 (<a href="#">Silvestri et al. 2006</a>).</p>
<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/AHP2809Z">https://www.bio-rad-antibodies.com/SDS/AHP2809Z</a> 10294
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	<a href="#">FITC</a>
Goat Anti Rabbit IgG (H/L) (STAR124...)	<a href="#">HRP</a>
Goat Anti Rabbit IgG (Fc) (STAR121...)	<a href="#">Biotin</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Sheep Anti Rabbit IgG (STAR35...)	<a href="#">RPE</a>
Sheep Anti Rabbit IgG (STAR36...)	<a href="#">DyLight®488</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a>

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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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