

Datasheet: AHP2809Z

Description:	RABBIT ANTI HUMAN SOLUBLE INTERLEUKIN-4 RECEPTOR SUBUNIT ALPHA:Preservative Free
Specificity:	sIL-4 RECEPTOR SUBUNIT ALPHA
Format:	Preservative Free
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 .
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	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.

Target Species	Human
Product Form	Purified IgG - lyophilized
Reconstitution	Reconstitute with 0.1 ml distilled water
Antiserum Preparation	Produced from sera of rabbits immunized with recombinant human soluble interleukin-4 receptor subunit alpha and purified by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Carrier Free	Yes
Endotoxin Level	< 0.1 ng/μg of protein (< 1 EU/μg)

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml after reconstitution
Immunogen	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
External Database Links	<p>UniProt: P24394 Related reagents</p> <p>Entrez Gene: 3566 IL4R Related reagents</p>
Synonyms	IL4RA
Specificity	<p>Rabbit anti Human sIL-4 receptor alpha antibody, 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 (Henderson <i>et al.</i> 2000). sIL-4RA is present in biological fluids and contains only the extracellular portion of IL-4RA (Andrews <i>et al.</i> 2006). 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 (Silvestri <i>et al.</i> 2006).</p>
Storage	<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>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10294 available at: https://www.bio-rad-antibodies.com/SDS/AHP2809Z10294
Regulatory	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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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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