

## Datasheet: AHP2989B

<b>Description:</b>	GOAT ANTI RABBIT INTERLEUKIN-1 ALPHA:Biotin
<b>Specificity:</b>	IL-1 ALPHA
<b>Format:</b>	Biotin
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µg

## 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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.01ug/ml - 0.2ug/ml
Immunoprecipitation			▪	
Western Blotting			▪	

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>	Rabbit
<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid
<b>Antiserum Preparation</b>	Antisera to rabbit interleukin-1 alpha were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Recombinant rabbit interleukin-1 alpha

### External Database Links

#### UniProt:

[P04822](#)

[Related reagents](#)

**Entrez Gene:**

[100009250](#) IL1A [Related reagents](#)

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<b>Specificity</b>	<p><b>Goat anti Rabbit interleukin-1 alpha antibody</b> recognizes rabbit interleukin-1 alpha (IL-1<math>\alpha</math>), a 30.38 kDa pleiotropic pro-inflammatory cytokine belonging to the IL-1 superfamily. It is secreted by activated macrophages and monocytes and is involved in the modulation of a wide range of immune and inflammatory responses.</p> <p>IL-1<math>\alpha</math> and the closely related IL-1<math>\beta</math>, are both involved in haematopoiesis and exhibit many identical immunomodulatory properties, binding to the same type I interleukin-1 receptor, also known as CD121a.</p>
<b>ELISA</b>	<p>This product may be used as a detection antibody in a sandwich ELISA together with <a href="#">AHP2989</a> as the capture reagent. Recombinant Rabbit interleukin-1alpha (<a href="#">PRABP003</a>) may be used as a standard.</p>
<b>Storage</b>	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	<p>12 months from date of despatch</p>
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a></p>
<b>Regulatory</b>	<p>For research purposes only</p>

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**Printed on 01 May 2020**