

## Datasheet: AHP2989

**BATCH NUMBER 164737**

<b>Description:</b>	GOAT ANTI RABBIT INTERLEUKIN-1 ALPHA
<b>Specificity:</b>	IL-1 ALPHA
<b>Format:</b>	Purified
<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
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			0.5ug/ml - 5ug/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 - 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</b>	IgG concentration 1.0 mg/ml

## Concentrations

Immunogen	Recombinant rabbit interleukin-1 alpha
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## External Database Links

### UniProt:

[P04822](#)

[Related reagents](#)

### Entrez Gene:

[100009250](#)

IL1A

[Related reagents](#)

## Specificity

**Goat anti Rabbit interleukin-1 alpha antibody** recognizes rabbit interleukin-1 alpha (IL-1 $\alpha$ ), 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.

IL-1 $\alpha$  and the closely related IL-1 $\beta$ , are both involved in haematopoiesis and exhibit many identical immunomodulatory properties, binding to the same type I interleukin-1 receptor, also known as CD121a.

## ELISA

This product may be used as a capture antibody in a sandwich ELISA together with [AHP2989B](#) as the detection reagent. Recombinant Rabbit interleukin-1alpha ([PRABP003](#)) may be used as a standard.

## Storage

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

## Guarantee

12 months from date of despatch

## Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/AHP2989>  
10040

## Regulatory

For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [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://www.bio-rad-antibodies.com/datasheets)

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Printed on 01 Mar 2024

