

Datasheet: AHP2989

**BATCH NUMBER 142816**

<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.

**Target Species** Rabbit

**Product Form** Purified IgG - liquid

**Antiserum Preparation** 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.

**Buffer Solution** Phosphate buffered saline

**Preservative Stabilisers** 0.09% Sodium Azide (NaN<sub>3</sub>)

**Approx. Protein** IgG concentration 1.0 mg/ml

## Concentrations

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**Immunogen** Recombinant rabbit interleukin-1 alpha

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## External Database Links

### UniProt:

[P04822](#)    [Related reagents](#)

### Entrez Gene:

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

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## 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.

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## 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.

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## 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.

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## Guarantee

12 months from date of despatch

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## Health And Safety Information

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

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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