

Datasheet: AHP2989

BATCH NUMBER 162824

Description:	GOAT ANTI RABBIT INTERLEUKIN-1 ALPHA
Specificity:	IL-1 ALPHA
Format:	Purified
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.

	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 (NaN₃)**Approx. Protein** IgG concentration 1.0 mg/ml

Concentrations

Immunogen Recombinant rabbit interleukin-1 alpha

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 α), 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 α and the closely related IL-1 β , 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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