

Datasheet: AHP2820B

BATCH NUMBER 153908

Description:	RABBIT ANTI PIG INTERLEUKIN-1 ALPHA:Biotin
Specificity:	IL-1 ALPHA
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			0.1 ug/ml - 0.5 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	Pig
Product Form	Purified IgG conjugated to Biotin - liquid
Antiserum Preparation	Antiserum to pig interleukin-1 alpha was raised by repeated immunization of rabbit 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 ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant pig IL-1 ALPHA

**External Database
Links**

UniProt:

[P18430](#)

[Related reagents](#)

Entrez Gene:

[397094](#)

IL1A

[Related reagents](#)

Specificity

Rabbit anti Pig Interleukin-1 Alpha recognizes pig interleukin-1 alpha (IL-1 alpha).

IL-1 is a inflammatory cytokine produced by activated macrophages. IL-1 is active in the inflammatory reaction and in driving Th1 and Th17 inflammatory responses. IL-1 acts on Th cells and causes them to secrete IL-2, which induces T cells to undergo mitosis and clonal expansion (Straw Barbara, Diseases of Swine -9th edition).

ELISA

This product may be used as a detection reagent in a sandwich ELISA together with [AHP2820](#) as the capture reagent. [PPP033](#) 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/AHP2820B>
10040

Regulatory

For research purposes only

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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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