

Datasheet: AHP2831B

BATCH NUMBER 153931

Description:	CHICKEN ANTI RABBIT INTERLEUKIN-1 BETA:Biotin
Specificity:	IL-1 BETA
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	▪			0.01 ug/ml - 0.2 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	Rabbit
Product Form	Purified IgG conjugated to Biotin - liquid
Antiserum Preparation	Antiserum to rabbit interleukin-1 beta was raised by repeated immunization of chicken 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 rabbit IL-1 Beta

**External Database
Links**

UniProt:

[P14628](#) [Related reagents](#)

Entrez Gene:

[100008990](#) IL1B [Related reagents](#)

Specificity

Chicken anti Rabbit Interleukin-1 Beta recognizes rabbit interleukin-1 (IL-1 beta).

Rabbit IL-1 beta is a proinflammatory cytokine involved in regulation of the immune system including reactions to microbial infections. It induces T cell and B cell activation, promotes Th17 differentiation of T cells, fibroblast proliferation and collagen production.

ELISA

This product may be used as a detection reagent in a sandwich ELISA together with [AHP2831](#) as the capture reagent. [PRABP016](#) 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/AHP2831B>
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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