

Datasheet: AHP2818B

Description:	RABBIT ANTI BOVINE INTERLEUKIN-5:Biotin
Specificity:	IL-5
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	▪			0.5 ug/ml - 5.0 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

Bovine

Species Cross Reactivity

Based on sequence similarity, is expected to react with: Sheep, Goat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG conjugated to Biotin - liquid

Antiserum Preparation

Antiserum to bovine/goat/sheep interleukin-5 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 (NaN₃)

Approx. Protein

IgG concentration 1.0 mg/ml

Concentrations

Immunogen Recombinant bovine IL-5

External Database Links

UniProt:

[P52173](#) [Related reagents](#)

Entrez Gene:

[280825](#) IL5 [Related reagents](#)

Specificity **Rabbit anti Bovine Interleukin-5** recognizes bovine/goat/sheep interleukin-5 (IL-5).

IL-5 is a regulatory cytokine that induces terminal differentiation of late-developing B cells to immunoglobulin secreting cells.

There is >85% identity with feline, bovine, ovine, canine, and human IL-5 sequences at the nucleotide and protein level ([Cunningham et al. 2003](#)).

ELISA This product may be used as a detection reagent in a sandwich ELISA together with [AHP2818](#) as the capture reagent. [PBP041](#) 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/AHP2818B>
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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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