

Datasheet: AHP2818B

BATCH NUMBER 153904

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 (NaN ₃)

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant bovine IL-5
External Database Links	<p>UniProt: P52173 Related reagents</p> <p>Entrez Gene: 280825 IL5 Related reagents</p>
Specificity	<p>Rabbit anti Bovine Interleukin-5 recognizes bovine/goat/sheep interleukin-5 (IL-5).</p> <p>IL-5 is a regulatory cytokine that induces terminal differentiation of late-developing B cells to immunoglobulin secreting cells.</p> <p>There is >85% identity with feline, bovine, ovine, canine, and human IL-5 sequences at the nucleotide and protein level (Cunningham et al. 2003).</p>
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	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/AHP2818B 10040</p>
Regulatory	For research purposes only

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
----------------------------------	---	------------------	---	---------------	---

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M373565:200923'

Printed on 18 Jan 2024