

Datasheet: AHP2374B

Description:	RABBIT ANTI BOVINE INTERLEUKIN-13:Biotin
Specificity:	IL-13
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
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			0.01 ug/ml - 0.5 ug/ml
Immunoprecipitation			■	
Western Blotting	■			0.1 ug/ml - 1.0 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	Reacts weakly with:Pig N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG conjugated to Biotin - liquid
Antiserum Preparation	Antisera to bovine interleukin-13 were raised by repeated immunisation of rabbits 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	Total protein concentration 1.0 mg/ml
Immunogen	Recombinant bovine interleukin-13

**External Database
Links**

UniProt:

[Q9XSV9](#)

[Related reagents](#)

Entrez Gene:

[281247](#)

IL13

[Related reagents](#)

Specificity

Rabbit anti Bovine interleukin-13 antibody recognizes bovine interleukin-13 (IL-13), a 14.7 kDa immunoregulatory cytokine produced primarily by activated T helper type 2 (Th2) cells and also by mast cells and NK cells.

Bovine IL-13 is involved in the stimulation of B cell proliferation and antibody production, inhibition of the production of inflammatory cytokines and, combined with interleukin-2 (IL-2), regulation of interferon (IFN γ) synthesis.

ELISA

This product may be used as a detection reagent in a sandwich ELISA together with [AHP2374](#) as the capture reagent. Recombinant Bovine interleukin-13 ([PBP018](#)) 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.

Shelf Life

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

[RECOMBINANT BOVINE INTERLEUKIN-13 \(PBP018\)](#)

[RABBIT ANTI BOVINE INTERLEUKIN-13 \(AHP2374\)](#)

North & South Tel: +1 800 265 7376

America 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

'M278170:151215'

Printed on 30 Apr 2018