

Datasheet: AHP2375B

Description:	GOAT ANTI BOVINE INTERLEUKIN-15:Biotin
Specificity:	IL-15
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	▪			0.1µg/ml - 5µg/ml
Immunoprecipitation			▪	
Western Blotting			▪	

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
Product Form	Purified IgG conjugated to Biotin - liquid
Antiserum Preparation	Antisera to bovine interleukin-15 were raised by repeated immunisation of goats 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 interleukin-15

External Database

Links

UniProt:

[Q28028](#)

[Related reagents](#)

Entrez Gene:

[281248](#)

IL15

[Related reagents](#)

Specificity

Goat anti Bovine interleukin-15 antibody recognizes bovine interleukin-15 (IL-15), an 18.6 kDa immunomodulatory glycoprotein expressed by multiple tissues and cell types, which primarily stimulates T lymphocytes, but is also critical for the development and activation of natural killer (NK) cells.

IL-15 shares functional properties with IL-2 and binds with high affinity to the IL-15 receptor (IL-15R), consisting of the IL-15R alpha chain, and also the IL-2Rbeta and common gamma chains used by the IL-2 receptor.

ELISA

This product may be used as a detection antibody in a sandwich ELISA together with [AHP2375](#) as the capture reagent. Recombinant Bovine interleukin-15 ([PBP020](#)) 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:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

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