

Datasheet: AHP2376B

Description:	RABBIT ANTI BOVINE INTERLEUKIN-17A:Biotin
Specificity:	IL-17A
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 with: Dolphin, Mouse, Sheep, Pig Reacts weakly with: Dog, Horse 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-17A were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole 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-17A

**External Database
Links**

UniProt:

[Q687Y7](#) [Related reagents](#)

Entrez Gene:

[282863](#) IL17A [Related reagents](#)

Specificity

Rabbit anti Bovine interleukin-17A antibody recognizes bovine interleukin-17A (IL-17A), a 35 kDa disulfide-linked homodimer consisting of two 153 amino acid chains, which belongs to the IL-17 family (classified as IL-17A to IL-17F), and signals through the IL-17 receptor (IL-17R/CDw217).

IL-17, originally thought to have been produced primarily by activated CD4+ T cells, appears to have a range of cellular origins and induces a variety of target cells to secrete inflammatory cytokines, including IL-1 β , IL-6, TNF α , IFN γ and granulocyte colony-stimulating factor, as well as synergizing with other inflammatory cytokines and agonists.

ELISA

This product may be used as a detection reagent in a sandwich ELISA together with [AHP2376](#) as the capture reagent. Recombinant bovine interleukin-17A ([PBP025](#)) 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-17A \(PBP025\)](#)

[RABBIT ANTI BOVINE INTERLEUKIN-17A \(AHP2376\)](#)

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