

## Datasheet: AHP2982B

**BATCH NUMBER 154794**

<b>Description:</b>	RABBIT ANTI DOG INTERLEUKIN-17A:Biotin
<b>Specificity:</b>	IL-17A
<b>Format:</b>	Biotin
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.01ug/ml - 0.5ug/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

Dog

#### Species Cross Reactivity

Reacts with: Human

**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

Antisera to canine interleukin-17A were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Recombinant canine interleukin-17A
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">C6L8D7</a> <a href="#">Related reagents</a>
<b>Specificity</b>	<b>Rabbit anti Dog interleukin-17A antibody</b> recognizes canine interleukin-17A (IL-17A), a 35 kDa disulfide-linked homodimer consisting of two 155 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-1β, IL-6, TNFα, IFNγ and granulocyte colony-stimulating factor, as well as synergizing with other inflammatory cytokines and agonists.
<b>ELISA</b>	This product may be used as a detection antibody in a sandwich ELISA together with <a href="#">AHP2982</a> as the capture reagent. Recombinant bovine interleukin-17A ( <a href="#">PDP016</a> ) may be used as a standard.
<b>Storage</b>	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2982B">https://www.bio-rad-antibodies.com/SDS/AHP2982B</a> 10040
<b>Regulatory</b>	For research purposes only

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