

## Datasheet: AHP2378B

**BATCH NUMBER 135066**

<b>Description:</b>	GOAT ANTI BOVINE INTERLEUKIN-1RA:Biotin
<b>Specificity:</b>	IL-1RA
<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** Bovine

**Product Form** Purified IgG conjugated to Biotin - liquid

**Antiserum Preparation** Antisera to bovine interleukin-1RA 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<sub>3</sub>)

**Approx. Protein** IgG concentration 1.0 mg/ml

## Concentrations

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**Immunogen** Recombinant bovine interleukin-1RA

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**External Database Links**

**UniProt:**

[O77482](#)    [Related reagents](#)

**Entrez Gene:**

[281860](#)    IL1RN    [Related reagents](#)

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**Specificity**

**Goat anti Bovine interleukin-1RA antibody** recognizes bovine interleukin-1 receptor antagonist, a 19.93 kDa protein belonging to the IL-1 cytokine family.

Bovine IL-1RA is secreted by several cell types, including epithelial cells and adipocytes. IL-1RA functions by inhibiting the pro-inflammatory effects of both IL-1 $\alpha$  and IL-1 $\beta$ .

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**ELISA**

This product may be used as a detection antibody in a sandwich ELISA together with [AHP2378](#) as the capture reagent. Recombinant Bovine interleukin-1RA ([PBP033](#)) may be used as a standard.

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**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.

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**Guarantee**

12 months from date of despatch

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**Health And Safety Information**

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/AHP2378B>  
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**Regulatory**

For research purposes only

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