

Datasheet: AHP2979

**BATCH NUMBER 168377**

|                      |                               |
|----------------------|-------------------------------|
| <b>Description:</b>  | GOAT ANTI DOG INTERLEUKIN-1RA |
| <b>Specificity:</b>  | IL-1RA                        |
| <b>Format:</b>       | Purified                      |
| <b>Product Type:</b> | Polyclonal Antibody           |
| <b>Isotype:</b>      | Polyclonal IgG                |
| <b>Quantity:</b>     | 0.1 mg                        |

## 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                      | ▪   |    |                | 0.5ug/ml - 5ug/ml  |
| Immunoprecipitation        |     |    | ▪              |                    |
| Western Blotting           | ▪   |    |                | 1ug/ml - 10ug/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.

|                                 |   |
|---------------------------------|---|
| <b>Target Species</b>           | Dog   |
| <b>Product Form</b>             | Purified IgG - liquid   |
| <b>Antiserum Preparation</b>    | Antisera to canine interleukin-1RA were raised by repeated immunisation of goats 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</b>          | IgG concentration 1.0 mg/ml   |

## Concentrations

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**Immunogen** Recombinant canine interleukin-1RA

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## External Database Links

### UniProt:

[Q9BEH0](#) [Related reagents](#)

### Entrez Gene:

[403660](#) IL1RN [Related reagents](#)

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## Specificity

**Goat anti Dog interleukin-1RA antibody** recognizes canine interleukin-1 receptor antagonist, a 16.7 kDa protein belonging to the IL-1 cytokine family.

Canine 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 capture antibody in a sandwich ELISA together with [AHP2979B](#) as the detection reagent. Recombinant Dog interleukin-1RA ([PDP012](#)) 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/AHP2979>  
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## Regulatory

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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