

Datasheet: AHP2979

BATCH NUMBER 172546

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|----------------------|-------------------------------|
| Description: | GOAT ANTI DOG INTERLEUKIN-1RA |
| Specificity: | IL-1RA |
| Format: | Purified |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 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.

| | 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.

| | |
|---------------------------------|---|
| Target Species | Dog |
| Product Form | Purified IgG - liquid |
| Antiserum Preparation | 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. |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Approx. Protein | IgG concentration 1.0 mg/ml |

Concentrations

Immunogen Recombinant canine interleukin-1RA

External Database Links

UniProt:

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

Entrez Gene:

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

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 α and IL-1 β .

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.

Storage

This product is shipped at ambient temperature.
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: <https://www.bio-rad-antibodies.com/SDS/AHP2979>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M439190:250523'

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