Datasheet: AHP2981

Description: RABBIT ANTI DOG INTERLEUKIN-2

Specificity: IL-2

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.

<table>
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<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>1ug/ml - 10ug/ml</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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<td>0.1ug/ml - 2ug/ml</td>
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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-2 were raised by repeated immunisation of rabbits 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 (NaN₃)

Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

Immunogen

Recombinant canine interleukin-2

External Database Links

UniProt: Q29416 Related reagents
Entrez Gene: 403989  IL2  Related reagents

Specificity  Rabbit anti Dog interleukin-2 antibody specifically recognizes canine interleukin-2 (IL-2), a 17.7 kDa type I regulatory cytokine secreted by T-cells following antigenic or mitogenic stimulation. It plays a crucial role in T-cell proliferation and immune regulation, canine IL-2 may also stimulate a range of other cell types including B cells, NK cells and monocytes.

ELISA  This product may be used as a capture antibody in a sandwich ELISA together with AHP2981B as the detection reagent. Recombinant dog interleukin-2 (PDP015) 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.

Guarantee  12 months from date of despatch


Regulatory  For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)  FITC
Goat Anti Rabbit IgG (H/L) (STAR124...)  HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)  Biotin, FITC, HRP
Sheep Anti Rabbit IgG (STAR35...)  RPE
Sheep Anti Rabbit IgG (2AB02...)  Biotin
Sheep Anti Rabbit IgG (STAR36...)  DyLight®488, DyLight®680, DyLight®800

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