

## Datasheet: AHP2981

**BATCH NUMBER 165778**

<b>Description:</b>	RABBIT ANTI DOG INTERLEUKIN-2
<b>Specificity:</b>	IL-2
<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	▪			1ug/ml - 10ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1ug/ml - 2ug/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-2 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</b>	IgG concentration 1.0 mg/ml

## Concentrations

Immunogen	Recombinant canine interleukin-2
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## 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

## Health And Safety Information

Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/AHP2981>  
10040

## Regulatory

For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

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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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