

## Datasheet: AHP2991

**BATCH NUMBER 164722**

<b>Description:</b>	GOAT ANTI RABBIT INTERLEUKIN-4
<b>Specificity:</b>	IL-4
<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 - 5ug/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>	Rabbit
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antisera to rabbit interleukin-4 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 Concentrations</b>	IgG concentration 1.0 mg/ml

Immunogen Recombinant rabbit interleukin-4

#### External Database

##### Links

##### UniProt:

[Q9MZR8](#)

[Related reagents](#)

##### Entrez Gene:

[100302454](#)

IL4

[Related reagents](#)

#### Specificity

**Goat anti Rabbit interleukin-4 antibody** recognizes rabbit interleukin-4 (IL-4), a 16.6 kDa regulatory cytokine belonging to the IL-4 / IL-13 family. IL-4 is expressed by a range of cells including B cells, macrophages and monocytes. It plays an important role in the regulation of rabbit B cell responses, is involved in promoting secretion and cell surface expression of IgG1 and IgE, and with the regulation of CD23 expression on lymphocytes and monocytes.

#### ELISA

This product may be used as a capture antibody in a sandwich ELISA together with [AHP2991B](#) as the detection reagent. Recombinant Rabbit interleukin-4 ([PRABP005](#)) 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/AHP2991>  
10040

#### Regulatory

For research purposes only

## 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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