

Datasheet: AHP2991

BATCH NUMBER 154783

| | |
|----------------------|--------------------------------|
| Description: | GOAT ANTI RABBIT INTERLEUKIN-4 |
| Specificity: | IL-4 |
| 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 | ▪ | | | 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.

Target Species Rabbit

Product Form Purified IgG - liquid

Antiserum Preparation 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.

Buffer Solution Phosphate buffered saline

Preservative Stabilisers 0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations 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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