

Datasheet: AHP2991

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 (NaN ₃)
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.
Shelf Life	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: antibody_sales_us@bio-rad.com**Worldwide**

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