

Datasheet: PRABP005

Description:	RECOMBINANT RABBIT INTERLEUKIN-4
Name:	IL-4
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	5 µg

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
ELISA	▪			

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 recombinant protein - lyophilized
Reconstitution	Reconstitute with 20 µl sterile PBS containing 0.1% carrier protein Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
Preparation	Recombinant protein expressed in <i>Pichia pastoris</i> and purified by ion-exchange chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	10% Trehalose
External Database Links	UniProt: Q9MZR8 Related reagents Entrez Gene: 100302454 IL4 Related reagents

Product Information **Recombinant Rabbit interleukin-4** is a recombinant protein corresponding to aa 24 - 147 of 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.

Protein Molecular Weight

14.2 kDa

Purity

>95% by SDS PAGE analysis

ELISA

This reagent may be used as a standard in a sandwich ELISA assay in conjunction with [AHP2991](#) as a coating antibody and [AHP2991B](#) as a detection antibody.

Storage

Prior to reconstitution store at -20°C.
After reconstitution store at -20°C.
Storage in frost-free freezers is not recommended. This product should be stored undiluted.

Shelf Life

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10591 available at:
10591: <https://www.bio-rad-antibodies.com/uploads/MSDS/10591.pdf>

Regulatory

For research purposes only

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

'M308669:170802'

Printed on 01 May 2018

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