

## Datasheet: PRABP011

<b>Description:</b>	RECOMBINANT RABBIT INTERLEUKIN-21
<b>Name:</b>	IL-21
<b>Format:</b>	Rec. Protein
<b>Product Type:</b>	Recombinant Protein
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			
Western Blotting	▪			

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 recombinant protein - lyophilized
<b>Reconstitution</b>	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.
<b>Preparation</b>	Recombinant protein expressed in <i>Pichia pastoris</i> and purified by ion-exchange chromatography
<b>Source</b>	<i>Pichia pastoris</i>
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	10% Trehalose
<b>External Database Links</b>	<b>UniProt:</b>

---

**Product Information**   **Recombinant Rabbit Interleukin-21 (IL-21)** is a recombinant protein corresponding to aa 18-150 of native rabbit IL-21.

Rabbit IL-21 is an essential innate immune modulator, belonging to the type I cytokine family, produced by activated T cells. IL-21 is involved in the modulation of T and B cell activity along with promoting proliferation of NK cells and cytotoxic T cells.

---

**Protein Molecular Weight**   15.4 kDa

---

**Purity**   >95% by SDS PAGE analysis

---

**ELISA**   This reagent may be used as a standard in a sandwich ELISA assay in conjunction with [AHP2826](#) as a coating antibody and [AHP2826B](#) 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.

---

**Guarantee**   12 months from date of despatch

---

**Health And Safety Information**   Material Safety Datasheet documentation #10591 available at: <https://www.bio-rad-antibodies.com/SDS/PRABP011>  
10591

---

**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](mailto: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](mailto: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](mailto:antibody_sales_de@bio-rad.com)

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)

'M415688:230113'

**Printed on 25 Mar 2023**