

Datasheet: PRP29

Description:	RECOMBINANT RAT INTERLEUKIN-10
Name:	IL-10
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	10 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	▪			0.2 - 0.4ng/well
Western Blotting	▪			1.5 - 3.0ng/lane
Functional Assays	▪			0.1 - 10.0ng/ml

Where this protein 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 protein for use in their own system using appropriate positive/negative controls.

Target Species	Rat
Product Form	Purified recombinant protein - lyophilized
Reconstitution	Reconstitute with 10ul water. 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. For extended storage te addition of 0.1% BSA is recommended,
Preparation	Recombinant protein prepared from <i>E.Coli</i>
Source	E.coli
Buffer Solution	Sodium Phosphate
Preservative Stabilisers	None present
Carrier Free	Yes

Endotoxin Level	< 0.1 ng/ug
Approx. Protein Concentrations	1.0 mg/ml
External Database Links	<p>UniProt: P29456 Related reagents</p> <p>Entrez Gene: 25325 IL10 Related reagents</p>
Synonyms	IL-10
Product Information	<p>Rat IL-10 is a homodimeric protein, each 18.7 kDa subunit is 160 amino acid residues in length. IL-10 is a potent inhibitor of several cytokines including IFN gamma, IL-2 and TNF.</p> <p>Interleukin-10 (IL-10) is produced primarily by activated T lymphocytes.</p>
Protein Molecular Weight	18.7kD (160 amino acid sequence)
Activity	Determined by the dose-dependent inhibition of antigen-specific T-cell proliferation is ≤ 10ng/ml
Purity	>98% by SDS PAGE and HPLC analysis
ELISA	PRP29 may be used in ELISA applications with AAR29 .
Western Blotting	PRP29 may be used under reducing or non-reducing western blotting conditions with AAR29 .
References	1. Franz, M. <i>et al.</i> (2015) Targeted delivery of interleukin-10 to chronic cardiac allograft rejection using a human antibody specific to the extra domain A of fibronectin. Int J Cardiol. 195: 311-22.
Storage	<p>Prior to reconstitution store at +4°C. Following reconstitution store at -20°C.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	3 months from date of reconstitution
Health And Safety Information	Material Safety Datasheet documentation #10527 available at: https://www.bio-rad-antibodies.com/SDS/PRP29 10527

Related Products

Recommended Useful Reagents

[RABBIT ANTI RAT INTERLEUKIN-10 \(AAR29\)](#)

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

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M420166:230706'

Printed on 13 Aug 2023
