

Datasheet: AHP1284B

Description:	RABBIT ANTI HUMAN INTERLEUKIN-19:Biotin
Specificity:	IL-19
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.25 - 1.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/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	Human
Product Form	Purified IgG conjugated to Biotin - lyophilized
Reconstitution	Reconstitute with 0.5ml sterile PBS containing 0.1% Bovine Serum Albumin. 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 long term storage the addition of 0.09% sodium azide is recommended.
Antiserum Preparation	Antisera to human IL-19 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative	None present

Stabilisers

Carrier Free Yes**Approx. Protein Concentrations** IgG concentration 0.1mg/ml after reconstitution.**Immunogen** Recombinant human IL-19.**External Database Links****UniProt:**[Q9UHD0](#) [Related reagents](#)**Entrez Gene:**[29949](#) IL19 [Related reagents](#)**Synonyms** ZMDA1**RRID** AB_906068**Specificity** **Rabbit anti Human Interleukin-19 antibody** recognizes human IL-19 (interleukin-19), a 153 amino acid secreted helical cytokine belonging to the IL-10 family of regulatory cytokines, which is preferentially expressed in monocytes, but also expressed in B cells, and up-regulated in monocytes stimulated with lipopolysaccharide (LPS) or granulocyte-macrophage colony-stimulating factor (GM-CSF).

IL-19 has been implicated as a regulator in the inflammatory response and signals through binding to a receptor complex (IL-20R) composed of the IL-20R1 (CRF2–8) and IL-20R2 (CRF2–11) chains, which leads to the activation of signal transducer and activator of transcription 3 (STAT3).

Further Reading 1. Chang, C. *et al.* (2003) Crystal structure of interleukin-19 defines a new subfamily of helical cytokines. [J. Biol. Chem. 278: 3308-3313.](#)**Storage** Prior to reconstitution store at -20°C.
After reconstitution store at -20°C.

This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 6 months from date of despatch**Health And Safety Information** Material Safety Datasheet documentation #10162 available at: 10162: <https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf>**Regulatory** For research purposes only

North & South America Tel: +1 800 265 7376
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

'M391043:211008'

Printed on 08 Oct 2021

© 2021 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)