

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

RRID AB_906068

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 - lyophilised

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 Stabilisers None present

Approx. Protein Concentrations IgG concentration 0.1mg/ml after reconstitution.

Immunogen	Recombinant human IL-19.
External Database Links	<p>UniProt: Q9UHD0 Related reagents</p> <p>Entrez Gene: 29949 IL19 Related reagents</p>
Synonyms	ZMDA1
Specificity	<p>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).</p> <p>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).</p>
Further Reading	1. Chang, C. <i>et al.</i> (2003) Crystal structure of interleukin-19 defines a new subfamily of helical cytokines. J. Biol. Chem. 278: 3308-3313.
Storage	<p>Prior to reconstitution store at +4°C. After reconstitution store at -20°C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of reconstitution.
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

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