

Datasheet: AHP1819

Description:	GOAT ANTI HUMAN INTERLEUKIN-21 RECEPTOR (N-TERMINAL)
Specificity:	IL-21 RECEPTOR (N-TERMINAL)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

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	▪			1/150
ELISA	▪			1/50,000
Immunoprecipitation			▪	
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.

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to human IL-21R (NT) was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative	0.1% Sodium Azide (NaN ₃)
Stabilisers	0.1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0mg/ml

Immunogen Synthetic peptide CILEMWNLHPSTLTLTWQDQYEELKDEATS corresponding to amino acids 35-65 within the N-terminal region of human IL-21R.

External Database Links

UniProt:

[Q9HBE5](#) [Related reagents](#)

Entrez Gene:

[50615](#) IL21R [Related reagents](#)

Synonyms NILR

RRID AB_2124103

Specificity **Rabbit anti Human interleukin-21 receptor antibody** recognizes an epitope within the N-terminal (NT) region of human interleukin-21 receptor (IL-21R), a type I transmembrane protein and member of the type I cytokine receptor family, selectively expressed by lymphoid tissues, which acts as the receptor for IL-21.

Interaction between IL-21R and IL-21 results in the activation of several downstream signaling molecules including JAK1 and STAT1 and plays an essential role in the differentiation and proliferation of B cells, T cells and natural killer (NK) cells.

ELISA This product is suitable for use in indirect ELISA applications.

Histology Positive Control Tissue Human lung or tonsil.

References 1. Coit, P. *et al.* (2016) DNA methylation analysis of the temporal artery microenvironment in giant cell arteritis. [Ann Rheum Dis. 75 \(6\): 1196-202.](#)

Storage Store at -20°C only.
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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10041 available at: <https://www.bio-rad-antibodies.com/SDS/AHP1819>
10041

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

Recommended Useful Reagents

ANTIGEN RETRIEVAL BUFFER, pH8.0 (BUF025A)

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

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