

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
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Specificity	<p>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.</p> <p>Interaction between IL-21R and IL-21 results in the activation of several downstream signalling 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.</p>
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ELISA	This product is suitable for use in indirect ELISA applications.
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Histology Positive Control Tissue	Human lung or tonsil.
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References	1. Coit P <i>et al.</i> (2016) DNA methylation analysis of the temporal artery microenvironment in giant cell arteritis. Ann Rheum Dis. 75(6):1196-1202.
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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.
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Shelf Life	18 months from date of despatch.
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Health And Safety Information	Material Safety Datasheet documentation #10304 available at: 10304: https://www.bio-rad-antibodies.com/uploads/MSDS/10304.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

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

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

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