

Datasheet: AHP1820

| | |
|----------------------|--|
| Description: | GOAT ANTI HUMAN INTERLEUKIN-22 RECEPTOR (N-TERMINAL) |
| Specificity: | IL-22 RECEPTOR (N-TERMINAL) |
| Other names: | IL22RA1 |
| 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 | ▪ | | | 1/50000 |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | | | ▪ | |
| Immunofluorescence | ▪ | | | 1/100 |

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-22R (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 Stabilisers | 0.1% Sodium Azide (NaN ₃) |
| Approx. Protein | IgG concentration 1.0 mg/ml |

Concentrations

Immunogen Synthetic peptide DSGPEGTPDTVYSIEYKTYGERDWWAKKG corresponding to amino acids 42-70 within the N-terminal region of human IL-22 receptor.

External Database

Links

UniProt:

[Q8N6P7](#) [Related reagents](#)

Entrez Gene:

[58985](#) IL22RA1 [Related reagents](#)

Synonyms IL22R

RRID AB_2295893

Specificity **Goat anti Human Interleukin-22 Receptor (N-Terminal) antibody** specifically recognizes an epitope within the N-terminal (NT) region of human interleukin-22 receptor (IL-22R), also known as IL-22R alpha-1 (IL22RA1), a member of the type II cytokine receptor family, which signals via the JAK-STAT signalling pathway.

IL-22R acts as the functional receptor for IL-22, through association with the beta chain of the IL-10R, and as a receptor for IL-20 and IL-24 through association with the beta chain of IL-20R. Binding of IL-22 to functional IL-22R can be blocked by a soluble form of the receptor known as IL22 binding protein (IL22BP).

Histology Positive Control Tissue

Spleen or tonsil

Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee 12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: 10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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 \(BUF025A\)](#)

| | | | | | |
|----------------------------------|---|------------------|---|---------------|---|
| 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

'M382828:210513'

Printed on 21 Mar 2022

© 2022 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)