Datasheet: AHP1615

Description: RABBIT ANTI HUMAN INTERLEUKIN-21
Specificity: IL-21
Format: Purified
Product Type: Polyclonal Antibody
Isotype: Polyclonal IgG
Quantity: 0.1 mg

Product Details
RRID AB_1605125

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.

<table>
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<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<td>2ug/ml</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<tr>
<td>Western Blotting</td>
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<td>0.5 - 1ug/ml</td>
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Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species Human

Species Cross Reactivity Reacts with: Rhesus Monkey
N.B. Antibody reactivity and working conditions may vary between species.

Product Form Purified IgG - liquid

Preparation Antiseras to human IL-21 were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.

Buffer Solution Phosphate buffered saline

Preservative Stabilisers 0.02% Sodium Azide

Approx. Protein Concentrations IgG concentration 1.0 mg/ml

Immunogen A 15 amino acid peptide located near the centre of human IL-21.
**Rabbit anti Human Interleukin-21 antibody** recognizes human Interleukin-21 (IL-21), a cytokine with immunoregulatory activity. IL-21 stimulates B- and T-cell proliferation and increases the activity of NK cells and disease-specific cytotoxic T-cells. It might also inhibit dendritic cell activation and maturation during the T-cell mediated immune response.

**Western Blotting**

AHP1615 detects a band of approximately 18kDa in HL60 cell lysate.

**References**


**Further Reading**


**Storage**

Store at +4°C or at -20°C if preferred.

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**

18 months from date of despatch.

**Health And Safety**


**Regulatory**

For research purposes only

**Recommended Products**

**Recommended Secondary Antibodies**

- Sheep Anti Rabbit IgG (STAR34...) *FITC*
- Goat Anti Rabbit IgG (H/L) (STAR124...) *HRP*
- Goat Anti Rabbit IgG (Fc) (STAR121...) *Biotin, FITC, HRP*
- Sheep Anti Rabbit IgG (STAR35...) *RPE*
- Sheep Anti Rabbit IgG (2AB02...) *Biotin*
- Sheep Anti Rabbit IgG (STAR36...) *DyLight®488, DyLight®680, DyLight®800*

**Recommended Useful Reagents**

TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)