

## Datasheet: AHP1206

<b>Description:</b>	RABBIT ANTI HUMAN INTERLEUKIN-32
<b>Specificity:</b>	IL-32
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			5 - 10ug/ml

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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Mouse <b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Antisera to human IL-32 were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline

<b>Preservative Stabilisers</b>	0.02% Sodium Azide
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	A 16 amino acid peptide located near the centre of human IL-32.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P24001</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">9235</a>   IL32   <a href="#">Related reagents</a></p>
<b>Synonyms</b>	NK4, TAIF
<b>RRID</b>	AB_844624
<b>Specificity</b>	<p><b>Rabbit anti Human interleukin-32 antibody</b> recognises IL-32, a ~26 kDa cytokine, thought to play a role in innate and adaptive immune responses. IL-32 is produced by mitogen-activated lymphocytes, interferon-gamma activated epithelial cells and IL-12, IL-18, IL-32-activated NK cells. It is expressed at elevated levels after the activation of T-cells by mitogens or the activation of NK cells by IL-2. IL-32 activates NF-kappa-B and p38 MAPK cytokine signal pathways. TNF-alpha, IL-1beta, IL-6 and 2 C-X-C chemokine family members, all involved in autoimmune and inflammatory diseases, including rheumatoid arthritis are induced by IL-32.</p>
<b>Western Blotting</b>	AHP1206 detects a band/s of approximately 26kDa in jurkat cell lysate.
<b>Further Reading</b>	<ol style="list-style-type: none"> <li>1. Conti, P. (2007) Modulation of autoimmunity by the latest interleukins (with special emphasis on IL-32). <a href="#">Autoimmun Rev. 6:131-7.</a></li> <li>2. Chen, Q. (2006) The newest interleukins: recent additions to the ever-growing cytokine family. <a href="#">Vitam Horm. 74:207-28.</a></li> <li>3. Kim, S. (2005) Interleukin-32: a cytokine and inducer of TNFalpha. <a href="#">Immunity. 22:131-42.</a></li> <li>4. Cagnard, N. (2005) Interleukin-32, CCL2, PF4F1 and GFD10 are the only cytokine/chemokine genes differentially expressed by in vitro cultured rheumatoid and osteoarthritis fibroblast-like synoviocytes. <a href="#">Eur Cytokine Netw. 16:289-92.</a></li> </ol>
<b>Storage</b>	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch

**Health And Safety Information**      Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/AHP1206>  
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**Regulatory**      For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)      [FITC](#)  
Sheep Anti Rabbit IgG (STAR35...)      [RPE](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)  
Sheep Anti Rabbit IgG (STAR36...)      [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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](https://www.bio-rad-antibodies.com/datasheets)  
'M382674:210513'

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