

Datasheet: AHP1206

Description:	RABBIT ANTI HUMAN INTERLEUKIN-32
Specificity:	IL-32
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			▪	
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.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse

N.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.

Product Form

Purified IgG - liquid

Preparation

Antisera to human IL-32 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 16 amino acid peptide located near the centre of human IL-32.
External Database Links	<p>UniProt: P24001 Related reagents</p> <p>Entrez Gene: 9235 IL32 Related reagents</p>
Synonyms	NK4, TAIF
RRID	AB_844624
Specificity	Rabbit anti Human interleukin-32 antibody 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.
Western Blotting	AHP1206 detects a band/s of approximately 26kDa in jurkat cell lysate.
Further Reading	<ol style="list-style-type: none"> 1. Conti, P. (2007) Modulation of autoimmunity by the latest interleukins (with special emphasis on IL-32). Autoimmun Rev. 6:131-7. 2. Chen, Q. (2006) The newest interleukins: recent additions to the ever-growing cytokine family. Vitam Horm. 74:207-28. 3. Kim, S. (2005) Interleukin-32: a cytokine and inducer of TNFalpha. Immunity. 22:131-42. 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. Eur Cytokine Netw. 16:289-92.
Storage	<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>
Guarantee	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>
10040

Regulatory For research purposes only

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 \(STAR209P\)](#)

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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)
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