

Datasheet: AHP1626

Description:	RABBIT ANTI HUMAN PRO-INTERLEUKIN-33
Specificity:	PRO-IL-33
Other names:	NF-HEV
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
Western Blotting	▪			1.0 - 2.0ug/ml
Immunofluorescence	▪			20ug/ml

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 pro-interleukin-33 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution Phosphate buffered saline

Preservative Stabilisers 0.02% Sodium Azide (NaN₃)

Approx. Protein Concentrations IgG concentration 1.0mg/ml

Immunogen A peptide sequence corresponding to an 19 amino acid sequence from near the amino terminus of Genbank accession No. NP_254274.

External Database Links

UniProt:

[O95760](#)

[Related reagents](#)

Entrez Gene:

Synonyms	C9orf26, IL1F11, NFHEV
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Specificity	<p>Rabbit anti Human pro-interleukin-33 antibody recognises human pro-interleukin-33 (pro-IL-33). Pro-IL-33 is further processed into its mature secreted form, IL-33.</p> <p>IL-33, a cytokine formerly known as NF-HEV or nuclear factor from high endothelial venules, belongs to the IL-1 super family which signals through interaction with the ST2 and Toll-interleukin 1 (IL-1) receptors, and is known to act as an immunoregulator of T helper 2 (Th2) cell cytokine synthesis.</p> <p>IL-33 is abundantly expressed in high endothelial venules found in tonsils, peyers patches and mesenteric lymph nodes.</p>
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Immunohistology	This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.
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Histology Positive Control Tissue	Human brain tissue
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Western Blotting	AHP1626 detects a band of approximately 36kDa in human lymph node cell lysates.
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Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>
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Shelf Life	18 months from date of despatch.
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Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
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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 (H/L) (STAR124...) [HRP](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

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

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