

Datasheet: AHP1626

BATCH NUMBER 151514

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 (NaN ₃)
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:**[90865](#)

IL33

[Related reagents](#)

Synonyms

C9orf26, IL1F11, NFHEV

RRID

AB_2124143

Specificity

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.

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.

IL-33 is abundantly expressed in high endothelial venules found in tonsils, peyers patches and mesenteric lymph nodes.

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.

Histology Positive Control Tissue

Human brain tissue

Western Blotting

AHP1626 detects a band of approximately 36kDa in human lymph node cell lysates.

Storage

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

Storage in frost-free freezers is not recommended.

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.

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/AHP1626>
10040

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [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

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