

Datasheet: AHP1482B

Description:	RABBIT ANTI HUMAN INTERLEUKIN-33:Biotin
Specificity:	IL-33
Other names:	NF-HEV
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

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	▪			0.25 - 1.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/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 conjugated to Biotin - lyophilised
Reconstitution	Reconstitute with 0.5ml sterile PBS containing 0.1% bovine serum albumin Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended.
Antiserum Preparation	Antiserum to human IL-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	None present
Approx. Protein Concentrations	IgG concentration 0.1 mg/ml

Immunogen Recombinant human IL-33

External Database Links

UniProt:
[O95760](#) [Related reagents](#)

Entrez Gene:
[90865](#) IL33 [Related reagents](#)

Synonyms C9orf26, IL1F11, NFHEV

Specificity **Rabbit anti Human Interleukin-33 antibody** recognizes human IL-33 (interleukin-33), formerly known as NF-HEV (nuclear factor from high endothelial venules), a recently described member of the IL-1 superfamily 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.

ELISA This product may be used in a direct ELISA or as a detection reagent in a sandwich ELISA together with Human anti Human Interleukin-33 antibody, clone 7786 ([HCA140](#)) as the capture reagent.

Storage Prior to reconstitution store at +4°C.
After reconstitution store at -20°C.
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.

Shelf Life 12 months from date of reconstitution.

Health And Safety Information Material Safety Datasheet documentation #10162 available at:
10162: <https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf>

Regulatory For research purposes only

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