Datasheet: AHP1789

BATCH NUMBER 161691

Description:	RABBIT ANTI HUMAN INTERLEUKIN-22
Specificity:	IL-22
Other names:	IL-TIF
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	▪			0.5 - 2.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/ml
Functional Assays	▪			1.0 - 2.0ug/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 - lyophilized

Reconstitution

Reconstitute with 0.1ml distilled water
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.
N.B. For functional studies do not add sodium azide

Antiserum Preparation

Antiserum to human IL-22 were 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
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0mg/ml after reconstitution
Immunogen	Recombinant human IL-22
External Database Links	**UniProt:** Q9GZX6 Related reagents **Entrez Gene:** 50616 IL22 Related reagents
Synonyms	ILTIF, ZCYTO18
RRID	AB_2264692
Specificity	**Rabbit anti Human Interleukin-22 antibody** specifically recognizes human interleukin-22 (IL-22), a regulatory cytokine and member of the IL-10 family, secreted by activated T cells, which signals through a class II cytokine receptor system consisting of IL-22R and IL-10R-beta/CRF2-4. IL-22 has been shown to act as an inhibitor of the production of IL-4 by Th2 cells, up-regulate the production of acute phase reactants in the pancreas and liver, and to be up-regulated in intestinal inflammation associated with Crohn's disease.
ELISA	This purified human IL-22 antibody may be used in an indirect ELISA with recombinant human IL-22 (PHP209) as the standard.
Storage	Prior to reconstitution store at -20°C. After reconstitution store at -20°C. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	6 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10162 available at: https://www.bio-rad-antibodies.com/SDS/AHP1789 10162

Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	FITC
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin, FITC, HRP
Sheep Anti Rabbit IgG (STAR35...)	RPE
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

'M391046:211008'

Printed on 19 Jan 2024

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