

Datasheet: AHP2396B

Description:	RABBIT ANTI PIG INTERLEUKIN-22:Biotin
Specificity:	IL-22
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	■			0.05ug/ml - 0.5ug/ml
Immunoprecipitation			■	
Western Blotting	■			0.1ug/ml - 1ug/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	Pig
Species Cross Reactivity	Does not react with:Bovine
Product Form	Purified IgG conjugated to Biotin - liquid
Antiserum Preparation	Antisera to pig interleukin-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	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant pig interleukin-22

**External Database
Links**

UniProt:

[F1SH68](#)

[Related reagents](#)

Specificity

Rabbit anti Pig interleukin-22 antibody specifically recognizes porcine interleukin-22 (IL-22), a 21.5 kDa regulatory cytokine belonging to the IL-10 cytokine family.

Porcine IL-22 is produced in a range of cell types that include activated T cells and dendritic cells and functions in the mediation of inflammatory responses to bacterial pathogens, in particular in epithelial cells of the respiratory and gastrointestinal tracts.

ELISA

This product may be used as a detection antibody in a sandwich ELISA together with [AHP2396](#) as the capture reagent. Recombinant pig interleukin-22 ([PPP027](#)) may be used as a standard.

Storage

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

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