

Datasheet: AHP2393

**BATCH NUMBER 169599**

<b>Description:</b>	RABBIT ANTI PIG INTERLEUKIN-10
<b>Specificity:</b>	IL-10
<b>Other names:</b>	CSIF
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.5ug/ml - 5ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1ug/ml - 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.

<b>Target Species</b>	Pig
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antisera to pig interleukin-10 were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein</b>	IgG concentration 1.0 mg/ml

## Concentrations

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**Immunogen** Recombinant pig interleukin-10

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## External Database Links

**UniProt:**

[Q29055](#) [Related reagents](#)

**Entrez Gene:**

[397106](#) IL10 [Related reagents](#)

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## Specificity

**Rabbit anti Pig interleukin-10 antibody** recognizes porcine interleukin-10 (IL-10), also known as cytokine synthesis inhibitory factor (CSIF). Porcine IL-10 is a 19.93 kDa anti-inflammatory cytokine belonging to the IL-10 family.

Secreted primarily by monocytes and to a lesser extent by certain T-cell subsets, porcine IL-10 functions in an inhibitory capacity downregulating Th1 cytokines, produced by activated macrophages.

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## ELISA

This product may be used as a capture antibody in a sandwich ELISA together with [AHP2393B](#) as the detection reagent. Recombinant Pig interleukin-10 ([PPP025](#)) may be used as a standard.

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## References

1. Dawson, H.D. *et al.* (2020) Porcine cytokines, chemokines and growth factors: 2019 update. [Res Vet Sci. 131: 266-300.](#)

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## 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.

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## Guarantee

12 months from date of despatch

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## Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/AHP2393>  
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## Regulatory

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

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

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

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