

Datasheet: AHP2389

Description:	RABBIT ANTI PIG ERYTHROPOIETIN
Specificity:	ERYTHROPOIETIN
Other names:	EPO
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	▪			0.5ug/ml - 5ug/ml
Immunoprecipitation			▪	

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
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to pig erythropoietin 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 erythropoietin

External Database

Links

UniProt:

[P49157](#) [Related reagents](#)

Entrez Gene:

[397249](#) EPO [Related reagents](#)

Specificity

Rabbit anti Pig erythropoietin antibody recognizes erythropoietin, a secreted protein belonging to the EPO/TPO family and also known as EPO or hematopoietin.

Erythropoietin is a hormone secreted in adult mammals primarily from the kidney, and to a lesser extent the liver. In the fetus, EPO is secreted from the liver. EPO functions as a regulatory cytokine in the differentiation of erythrocytes.

ELISA

This product may be used as a capture antibody in a sandwich ELISA together with [AHP2389B](#) as the detection reagent. Recombinant Pig erythropoietin ([PPP021](#)) may be used as a standard.

Further Reading

1. David, R.B. *et al.* (2001) The porcine erythropoietin gene: cDNA sequence, genomic sequence and expression analyses in piglets. [Domest Anim Endocrinol. 20 \(2\): 137-47.](#)

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.

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/AHP2389>
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](#)

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

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

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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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](https://www.bio-rad-antibodies.com/datasheets)

