

Datasheet: AHP2389

**BATCH NUMBER 170741**

<b>Description:</b>	RABBIT ANTI PIG ERYTHROPOIETIN
<b>Specificity:</b>	ERYTHROPOIETIN
<b>Other names:</b>	EPO
<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			▪	

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 erythropoietin 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>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml

<b>Immunogen</b>	Recombinant pig erythropoietin
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P49157</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">397249</a>    EPO    <a href="#">Related reagents</a></p>
<b>Specificity</b>	<p><b>Rabbit anti Pig erythropoietin antibody</b> recognizes erythropoietin, a secreted protein belonging to the EPO/TPO family and also known as EPO or hematopoietin.</p> <p>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.</p>
<b>ELISA</b>	This product may be used as a capture antibody in a sandwich ELISA together with <a href="#">AHP2389B</a> as the detection reagent. Recombinant Pig erythropoietin ( <a href="#">PPP021</a> ) may be used as a standard.
<b>Further Reading</b>	1. David, R.B. <i>et al.</i> (2001) The porcine erythropoietin gene: cDNA sequence, genomic sequence and expression analyses in piglets. <a href="#">Domest Anim Endocrinol. 20 (2): 137-47.</a>
<b>Storage</b>	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2389">https://www.bio-rad-antibodies.com/SDS/AHP2389</a> 10040
<b>Regulatory</b>	For research purposes only

## 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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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)  
 'M352454:190402'

