

## Datasheet: 4297-4955

<b>Description:</b>	RABBIT ANTI HUMAN 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
Immunohistology - Paraffin	▪			15 µg/ml
ELISA	▪			0.5 µg/ml - 1 µg/ml
Western Blotting	▪			1 µg/ml - 2 µg/ml
Functional Assays	▪			

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 the appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	<5% Trehalose
<b>Approx. Protein Concentrations</b>	1.0 mg/ml
<b>Immunogen</b>	CHO cell-derived, recombinant human erythropoietin.

**External Database  
Links**

**UniProt:**

[P01588](#)    [Related reagents](#)

**Entrez Gene:**

[2056](#)    EPO    [Related reagents](#)

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**RRID**                      AB\_2098522

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**Specificity**              **Rabbit anti Human erythropoietin antibody** reacts with erythropoietin, the principal hormone involved in the regulation of erythrocyte differentiation and the maintenance of a physiological levels of circulating erythrocyte mass. It is often used as a drug to treat anemia.

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**References**                1. Kessler, S.W. (1975) Rapid isolation of antigens from cells with a staphylococcal protein A-antibody adsorbent: parameters of the interaction of antibody-antigen complexes with protein A. [J Immunol. 115 \(6\): 1617-24.](#)  
2. Krystal, G. (1983) A simple microassay for erythropoietin based on 3H-thymidine incorporation into spleen cells from phenylhydrazine treated mice. [Exp Hematol. 11 \(7\): 649-60.](#)

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**Storage**                    Store at -20°C only.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. 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 #10121 available at:  
<https://www.bio-rad-antibodies.com/SDS/4297-4955>  
10121

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**Regulatory**                For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)    [FITC](#)  
Sheep Anti Rabbit IgG (STAR35...)    [RPE](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)  
Sheep Anti Rabbit IgG (STAR36...)    [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

### Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)  
[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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