

Datasheet: 4297-4955

BATCH NUMBER 180627

Description:	RABBIT ANTI HUMAN 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
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.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Trehalose
Approx. Protein Concentrations	1.0 mg/ml

Immunogen CHO cell-derived, recombinant human erythropoietin.

External Database

Links

UniProt:

[P01588](#) [Related reagents](#)

Entrez Gene:

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

RRID AB_2098522

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.

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 +4°C or at -20°C if preferred.
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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10044 available at:
<https://www.bio-rad-antibodies.com/SDS/4297-4955>
10044

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
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

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