

## Datasheet: VPA00265

<b>Description:</b>	RABBIT ANTI ERYTHROPOIETIN RECEPTOR
<b>Specificity:</b>	ERYTHROPOIETIN RECEPTOR
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 µl

## 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
Western Blotting	▪			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ).
<b>Immunogen</b>	KLH-conjugated synthetic peptide corresponding to aa 470-504 of human erythropoietin receptor

### External Database Links

#### UniProt:

[P19235](#)

[Related reagents](#)

#### Entrez Gene:

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**Specificity** **Rabbit anti Human erythropoietin receptor antibody** recognizes the erythropoietin receptor also known as EPO-R and EPOR.

The erythropoietin receptor is a member of the cytokine receptor family. Upon erythropoietin binding, this receptor activates JAK2 tyrosine kinase which activates different intracellular pathways including Ras/MAP kinase, phosphatidylinositol 3-kinase and STAT transcription factors. The stimulated erythropoietin receptor appears to have a role in erythroid cell survival. Defects in the erythropoietin receptor may produce erythroleukemia and familial erythrocytosis. Dysregulation of the erythropoietin receptor may affect the growth of certain tumors. Alternate splicing results in multiple transcript variants (provided by RefSeq, May 2010).

Rabbit anti Human erythropoietin receptor antibody detects a band of 55 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting** Anti erythropoietin receptor detects a band of approximately 55 kDa in K562 cell lysate.

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**Storage** Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee** 12 months from date of despatch.

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**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00265>  
Antibody (10040)

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**Regulatory** For research purposes only.

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [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)

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