

# Product Datasheet

## Erythropoietin/EPO Antibody

### NB600-538

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

#### Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB600-538](http://www.novusbio.com/NB600-538)

Updated 3/30/2022 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB600-538](http://www.novusbio.com/reviews/destination/NB600-538)



**NB600-538****Erythropoietin/EPO Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS and 5% Trehalose

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	2056
<b>Gene Symbol</b>	EPO
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Cross-reacts with Human. Not yet tested in other species. Mouse reactivity reported in scientific literature (PMID: 26047733). Rat reactivity reported in scientific literature (PMID: 29137321).
<b>Specificity/Sensitivity</b>	EPO
<b>Immunogen</b>	Recombinant human erythropoietin expressed in CHO cells.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, ELISA 1:100-1:2000
<b>Application Notes</b>	I-ELISA, a working antibody concentration of approximately 1 ug/ml detects 3 ng/well of recombinant human EPO. WB: use at a concentration of 2 ug/ml detects recombinant human EPO at 100 ng/lane under both reducing and non-reducing conditions. IHC(P): Use at a concentration of 15ug/ml. Not tested in other applications. Optimal dilutions / concentrations should be determined by the end user.

**Publications**

Wu Chih-Jen, Chen Cheng-Yi, Lai Thung-S et al. The role of indoxyl sulfate in renal anemia in patients with chronic kidney disease. Oncotarget 2017-01-01 [PMID: 29137321] (WB, Rat)

Ryou MG, Choudhury GR, Li W et al. Methylene blue-induced neuronal protective mechanism against hypoxia-reoxygenation stress Neuroscience. 2015-06-03 [PMID: 26047733] (WB, Mouse)





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-  
techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB600-538](http://www.novusbio.com/reviews/submit/NB600-538)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

