

# Product Datasheet

## Erythropoietin/EPO Antibody NB600-538

Unit Size: 0.1 ml

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

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**NB600-538**

Erythropoietin/EPO Antibody

**Product Information**

<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

**Product Description**

<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.

**Product Application Details**

<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)



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## 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.

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