

Product Datasheet

Erythropoietin/EPO Antibody (EPO/1368) NBP2-53392-100ug

Unit Size: 100 ug

Store at 4C.

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NBP2-53392-100ug

Erythropoietin/EPO Antibody (EPO/1368)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	EPO/1368
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	37 kDa

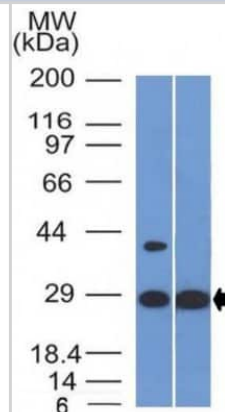
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-54537) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	2056
Gene Symbol	EPO
Species	Human
Marker	Marker of Placentation Disorders
Immunogen	Recombinant fragment (around aa 28-162) of human Erythropoietin/EPO protein (exact sequence is proprietary) (Uniprot: P01588)

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 2-4 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 2-4 ug/ml, Protein Array
Application Notes	ELISA: Use Ab at 2-4ug/ml for coating. Order Ab without BSA. Immunohistochemistry (Formalin-fixed): 2-4ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

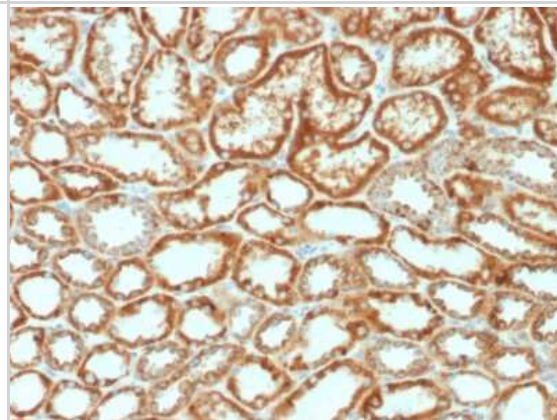


Images

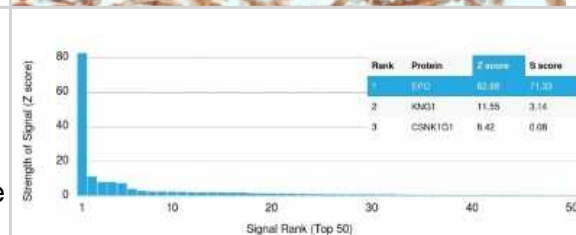
Western Blot: Erythropoietin/EPO Antibody (EPO/1368) [NBP2-53392] - Western Blot of human Heart and HepG2 cell lysate using Erythropoietin/EPO Antibody (EPO/1368).



Immunohistochemistry-Paraffin: Erythropoietin/EPO Antibody (EPO/1368) [NBP2-53392] - Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with Erythropoietin/EPO Antibody (EPO/1368).



Protein Array: Erythropoietin/EPO Antibody (EPO/1368) [NBP2-53392] - Analysis of Protein Array containing more than 19,000 full-length human proteins using Erythropoietin/EPO Antibody (EPO/1368). Z- and S-Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to be specific to its intended target, if the MAb has an S-score of at least 2.5.



Publications

Desharnais P, Naud JF, Ayotte C Detection of erythropoiesis stimulating agents in urine samples using a capillary Western system. Drug Test Anal. 2018-11-10 [PMID: 30365250] (WB, Human)

Details:

Citation using the Azide and BSA Free form of this antibody.

**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

Products Related to NBP2-53392-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-62447	Recombinant Porcine Erythropoietin/EPO Protein

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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