

Product Datasheet

Erythropoietin/EPO Antibody (EPO/1368) - Azide and BSA Free NBP2-54537-100ug

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-54537-100ug

Erythropoietin/EPO Antibody (EPO/1368) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	EPO/1368
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	37 kDa

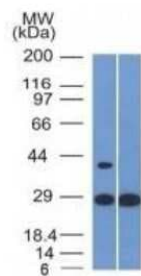
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-53392). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	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, CyTOF-ready
Recommended Dilutions	Western Blot 0.5 - 1 ug/ml, ELISA 2-4 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 4 - 8 ug/ml, Protein Array, CyTOF-ready
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.

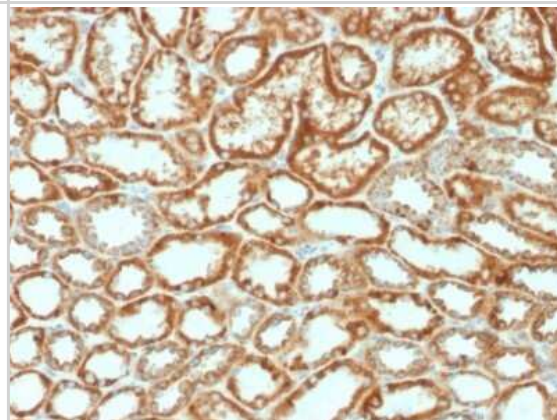


Images

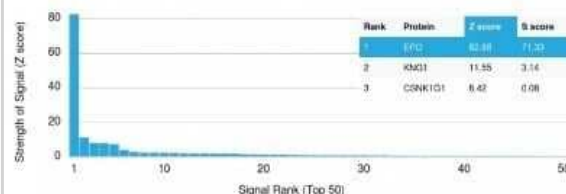
Western Blot: Erythropoietin/EPO Antibody (EPO/1368) - Azide and BSA Free [NBP2-54537] - Human Heart and HepG2 Cell Lysate using EPO Monoclonal Antibody



Immunohistochemistry-Paraffin: Erythropoietin/EPO Antibody (EPO/1368) - Azide and BSA Free [NBP2-54537] - Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with Erythropoietin/EPO Antibody (EPO/1368).



Protein Array: Erythropoietin/EPO Antibody (EPO/1368) - Azide and BSA Free [NBP2-54537] - 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 (SDs) 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 SDs) 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.



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Products Related to NBP2-54537-100ug

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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