

# Product Datasheet

## Erythropoietin/EPO Antibody (HL1794) - Azide and BSA Free NBP3-25455

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 7/18/2024 v.20.1

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**NBP3-25455**

Erythropoietin/EPO Antibody (HL1794) - Azide and BSA Free

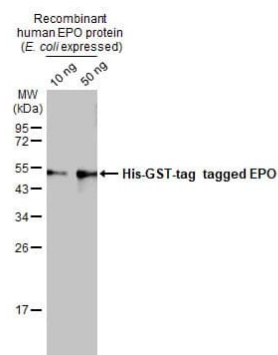
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HL1794
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	2056
Gene Symbol	EPO
Species	Human, Canine, Feline
Immunogen	Recombinant protein of human Erythropoietin/EPO

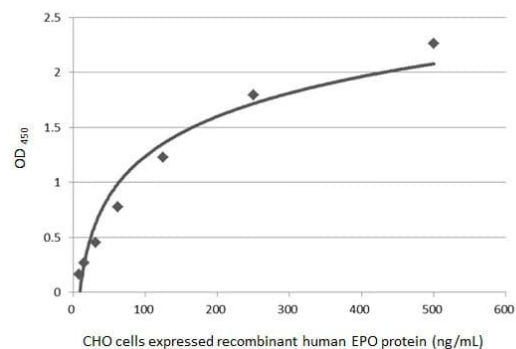
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA

**Images**

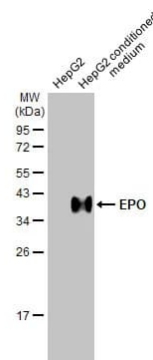
Western Blot: Erythropoietin/EPO Antibody (HL1794) - Azide and BSA Free [NBP3-25455] - Escherichia coli expressed recombinant human EPO protein were separated by 12% SDS-PAGE, and the membrane was blotted with EPO antibody [HL1794] (NBP3-25455) diluted at 1:50000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



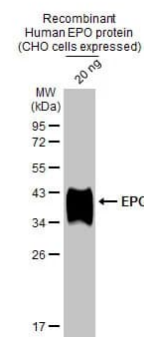
**ELISA: Erythropoietin/EPO Antibody (HL1794) - Azide and BSA Free [NBP3-25455]** - Indirect ELISA analysis was performed by coating the plate with recombinant CHO cells expressed, full-length human EPO protein (500-7.81 ng/mL). Coated protein was probed with EPO antibody [HL1794] (NBP3-25455) (1 ug/mL). Goat anti-rabbit IgG antibody (HRP) (1:10000) was used to detect the bound primary antibody.



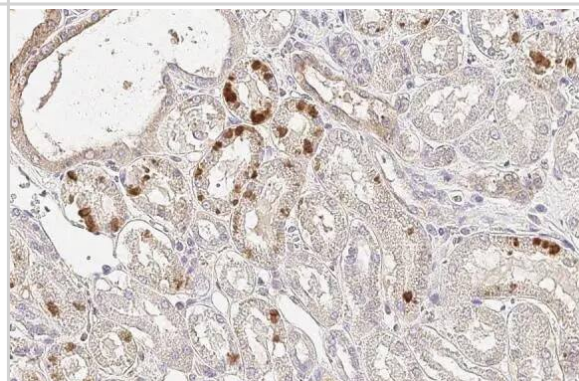
**Western Blot: Erythropoietin/EPO Antibody (HL1794) - Azide and BSA Free [NBP3-25455]** - HepG2 whole cell extract and conditioned medium (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with EPO antibody [HL1794] (NBP3-25455) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



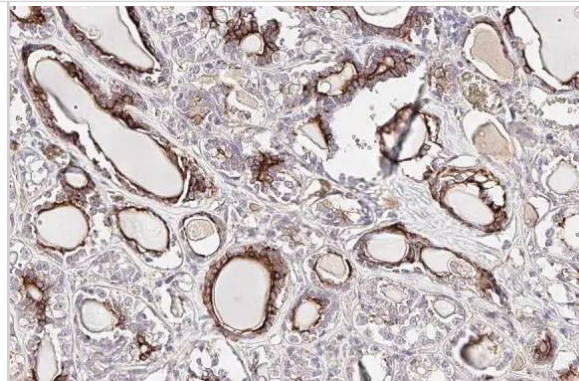
**Western Blot: Erythropoietin/EPO Antibody (HL1794) - Azide and BSA Free [NBP3-25455]** - Recombinant human EPO protein (CHO cells expressed) was separated by 12% SDS-PAGE, and the membrane was blotted with EPO antibody [HL1794] (NBP3-25455) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



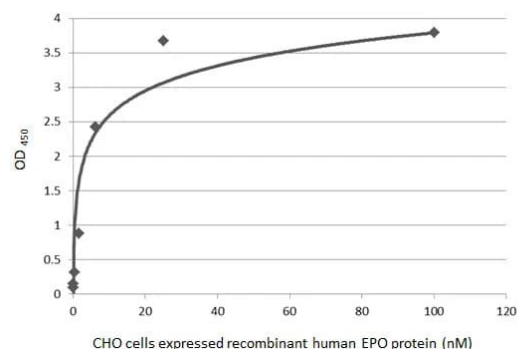
**Immunohistochemistry-Paraffin: Erythropoietin/EPO Antibody (HL1794) - Azide and BSA Free [NBP3-25455]** - EPO antibody [HL1794] detects secreted EPO protein by immunohistochemical analysis. Sample: Paraffin-embedded dog kidney. EPO stained by EPO antibody [HL1794] (NBP3-25455) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



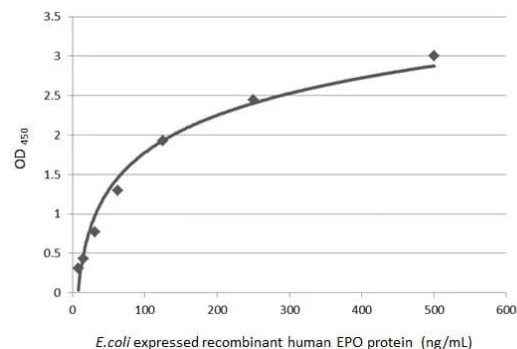
Immunohistochemistry-Paraffin: Erythropoietin/EPO Antibody (HL1794) - Azide and BSA Free [NBP3-25455] - EPO antibody [HL1794] detects secreted EPO protein by immunohistochemical analysis. Sample: Paraffin-embedded cat kidney. EPO stained by EPO antibody [HL1794] (NBP3-25455) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



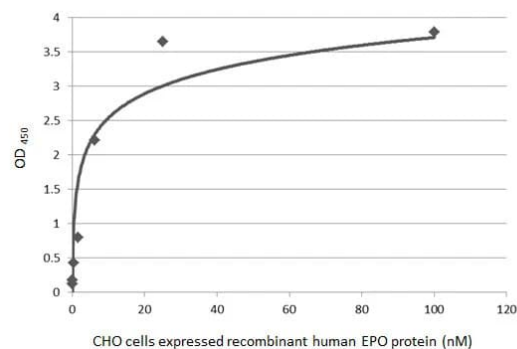
ELISA: Erythropoietin/EPO Antibody (HL1794) - Azide and BSA Free [NBP3-25455] - Sandwich ELISA detection of recombinant CHO cells expressed, full-length human EPO protein using antibodies as below. Capture: EPO antibody [HL1794] (NBP3-25455) (5 ug/mL) Detection: HRP-conjugated EPO antibody [HL1793] (NBP3-25454) (1 ug/mL) Please notice that NBP3-25454 needs to be conjugated to HRP to function as the detection antibody when paired with NBP3-25455. Please contact us for custom HRP-conjugated antibody.



ELISA: Erythropoietin/EPO Antibody (HL1794) - Azide and BSA Free [NBP3-25455] - Indirect ELISA analysis was performed by coating the plate with recombinant E.coli expressed, full-length human EPO protein, His and GST tag (active) (500-7.81 ng/mL). Coated protein was probed with EPO antibody [HL1794] (NBP3-25455) (1 ug/mL). Goat anti-rabbit IgG antibody (HRP) (1:10000) was used to detect the bound primary antibody.



ELISA: Erythropoietin/EPO Antibody (HL1794) - Azide and BSA Free [NBP3-25455] - Sandwich ELISA detection of recombinant CHO cells expressed, full-length human EPO protein using antibodies as below. Capture: EPO antibody [HL1793] (NBP3-25454) (5 ug/mL) Detection: HRP-conjugated EPO antibody [HL1794] (NBP3-25455) (1 ug/mL) Please notice that NBP3-25455 needs to be conjugated to HRP to function as the detection antibody when paired with NBP3-25454. Please contact us for custom HRP-conjugated antibody.





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### **Products Related to NBP3-25455**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-62447	Recombinant Porcine Erythropoietin/EPO Protein

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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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