

# Product Datasheet

## His Tag Antibody (359) - Azide and BSA Free NBP2-43536

Unit Size: 0.1 ml

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

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



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**NBP2-43536**

His Tag Antibody (359) - Azide and BSA Free

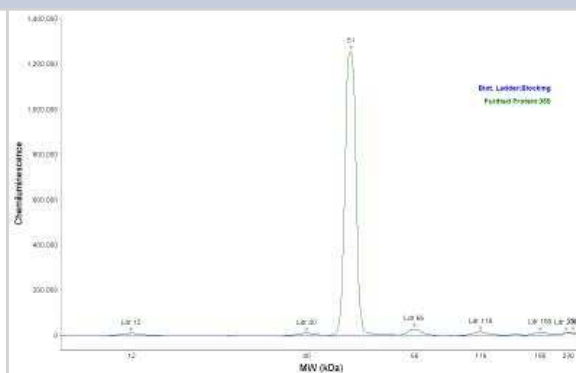
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	359
Preservative	No Preservative
Isotype	IgG3
Purity	Protein G purified
Buffer	PBS, 20% Glycerol

Product Description	
Description	Novus Biologicals Mouse His Tag Antibody (359) - Azide and BSA Free (NBP2-43536) is a monoclonal antibody validated for use in WB, ELISA, ICC/IF, Simple Western and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Epitope Tag
Immunogen	The immunogen used to generate this antibody corresponds to His Tag

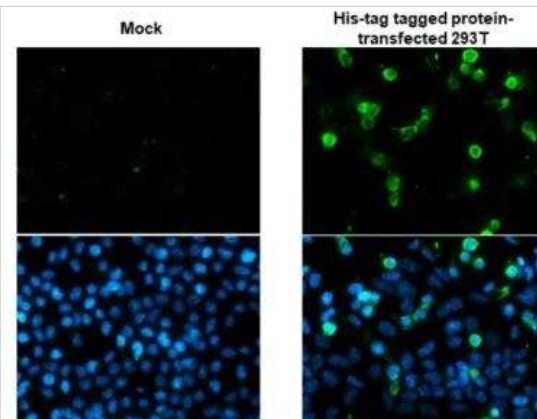
Product Application Details	
Applications	Western Blot, Simple Western, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000 - 1:10000, Simple Western Validated by a verified customer review, ELISA 1:1000 - 1:10000, Immunocytochemistry/ Immunofluorescence 1:100 - 1:2000, Immunoprecipitation 1:100 - 1:500

**Images**

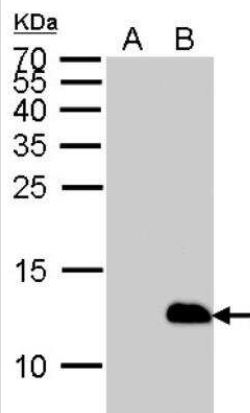
Simple Western: His Tag Antibody (359) [NBP2-43536] - Human purified protein. Simple Western image submitted by a verified customer review.



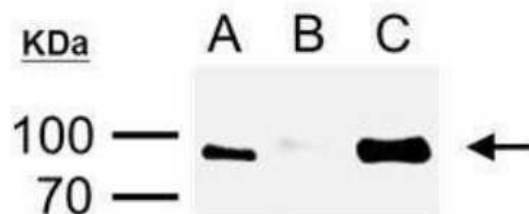
Immunocytochemistry/Immunofluorescence: His Tag Antibody (359) [NBP2-43536] - Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: 6X His tag stained by 6X His tag antibody [359] diluted at 1:1000. Blue: Fluoroshield with DAPI.



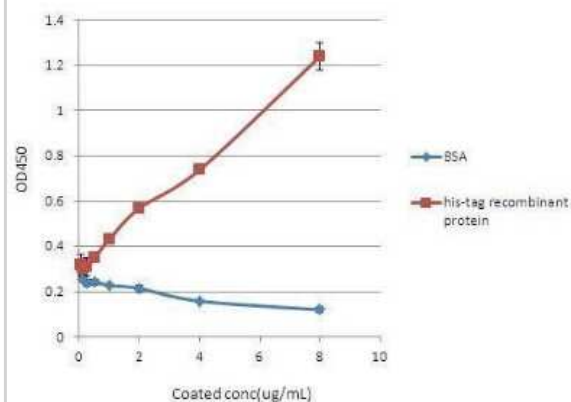
Western Blot: His Tag Antibody (359) [NBP2-43536] - 6x His antibody detects 6x His protein by Western blot analysis. A. Non-induced cell lysates from E. coli expressing HIS-tagged proteins. B. IPTG-induced cell lysates from E. coli expressing HIS-tagged proteins. 15 % SDS-PAGE. 6x His antibody dilution: 1:5000.



Western Blot: His Tag Antibody (359) [NBP2-43536] - Analysis of cell lysate/extract of His-fused gene transfected HeLa cells A. 1/20 lysate/extract of transfected HeLa cells B. Control with 2 ug of preimmune mouse IgG C. Immunoprecipitation of His-fused protein by 2 ug of 6X His tag antibody [359] 12% SDS-PAGE The immunoprecipitated His-fused protein was detected by 6X His tag antibody [359] diluted at 1:1000.



ELISA: His Tag Antibody (359) [NBP2-43536] - 6X His tag antibody [359] detects His-tagged recombinant proteins by indirect ELISA analysis. Various dilutions of His-tagged recombinant proteins coated onto the 96-well plate were detected by using 0.5 ug/mL 6X His tag antibody [359]. Bound Abs were further detected by using HRP-conjugated goat anti-mouse IgG with HRP substrates.



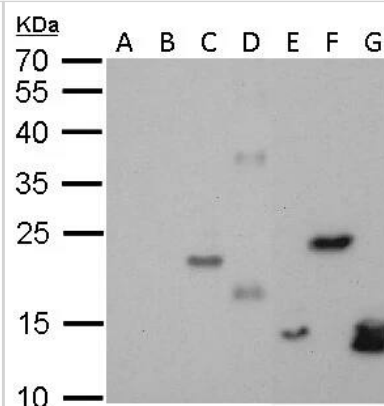
Western Blot: His Tag Antibody (359) [NBP2-43536] - 6x His antibody detects 6x His protein by Western blot analysis.

Lane A and B were IPTG-induced cell lysate from *E. coli* expressing different GST-tagged proteins.

Lane C to G were IPTG induced cell lysate from *E. coli* expressing different His-tagged protein.

12 % SDS-PAGE

6x His antibody (NBP2-43536) dilution: 1:5000



6x His antibody detects 6x His protein by Western blot analysis.

A. 2 ug GST-recombinant protein

B. 2 ug His-recombinant protein

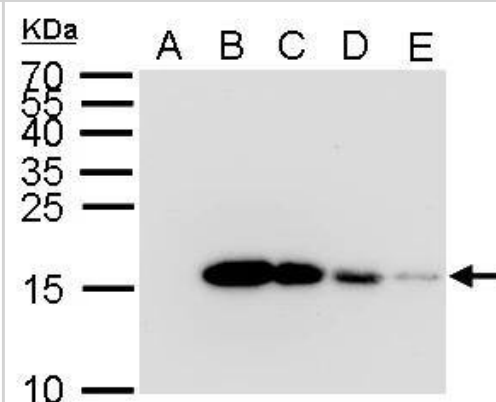
C. 1 ug His-recombinant protein

D. 0.5 ug His-recombinant protein E. 0.1 ug His-recombinant protein

E. 0.1 ug His-recombinant protein E. 0.1 ug His-recombinant protein

12 % SDS-PAGE

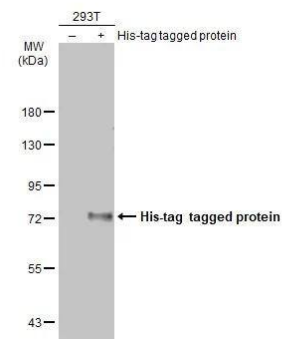
6x His antibody (NBP2-43536) dilution: 1:5000



Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug)

were separated by 7.5% SDS-PAGE, and the membrane was blotted with 6X His tag antibody [GT359] (NBP2-43536) diluted at 1:5000. The

HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.





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### **Products Related to NBP2-43536**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96777	Mouse IgG3 Isotype Control (MG3)

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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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