

# Product Datasheet

## Respiratory Syncytial Virus Nucleoprotein Antibody (HL1297) - Azide and BSA Free NBP3-25632

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 9/9/2025 v.20.1

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**NBP3-25632****Respiratory Syncytial Virus Nucleoprotein Antibody (HL1297) - Azide and BSA Free**

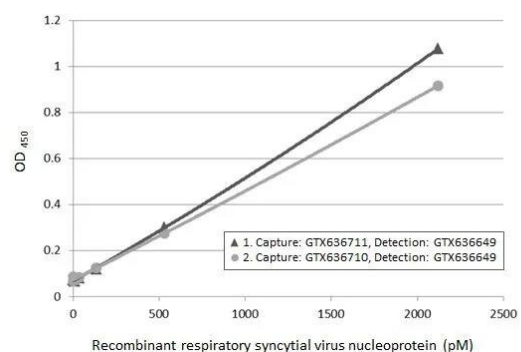
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HL1297
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Respiratory Syncytial Virus Nucleoprotein Antibody (HL1297) - Azide and BSA Free (NBP3-25632) is a recombinant monoclonal antibody validated for use in WB, ELISA, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Species</b>	Virus
<b>Reactivity Notes</b>	Respiratory Syncytial Virus type A
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of Respiratory Syncytial Virus Nucleoprotein. The exact sequence is proprietary.

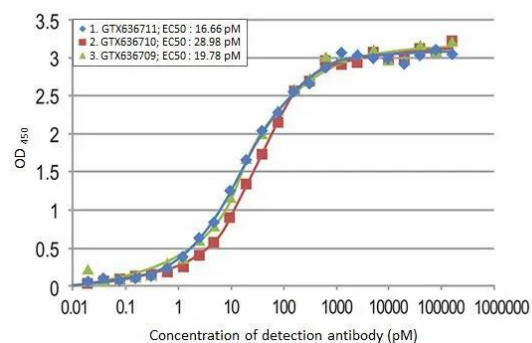
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500-1:10000, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Sandwich ELISA

**Images**

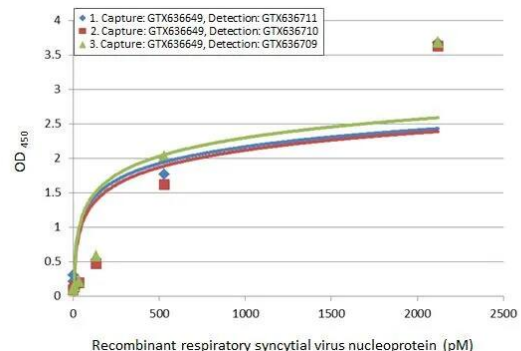
ELISA: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1297) - Azide and BSA Free [NBP3-25632] - Sandwich ELISA detection of recombinant HEK293 expressed, full-length respiratory syncytial virus type A nucleoprotein, DDDDK tag using ELISA pairs below. Pair 1: Capture: Respiratory Syncytial virus type A Nucleoprotein antibody [HL1297] (NBP3-25632) (5 ug/mL) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1247] (NBP3-25627) conjugated with HRP (1 ug/mL) Pair 2: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1296] (NBP3-25479) (5 ug/mL) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1247] (NBP3-25627) conjugated with HRP (1 ug/mL) Please notice that detection antibodies need to be conjugated to HRP to function when paired with capture one. Please contact us for custom HRP-conjugated antibody.



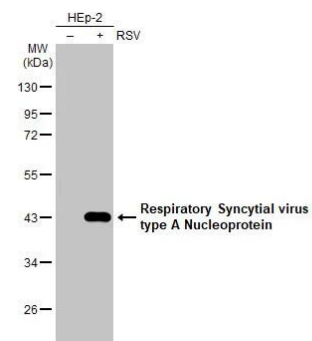
ELISA: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1297) - Azide and BSA Free [NBP3-25632] - Indirect ELISA analysis performed by coating plate with recombinant HEK293 expressed, N-terminal respiratory syncytial virus type A nucleoprotein (50 ng). Coated protein was probed with Respiratory Syncytial virus Nucleoprotein antibodies (160000-1.9\*10<sup>-2</sup> pM) below. Goat anti-rabbit IgG antibody (HRP) (1:10000) was used to detect bound primary antibody. Antibodies: 1. Respiratory Syncytial virus type A Nucleoprotein antibody [HL1297] (NBP3-25632) 2. Respiratory Syncytial virus Nucleoprotein antibody [HL1296] (NBP3-25479) 3. Respiratory Syncytial virus Nucleoprotein antibody [HL1295] (NBP3-25630)



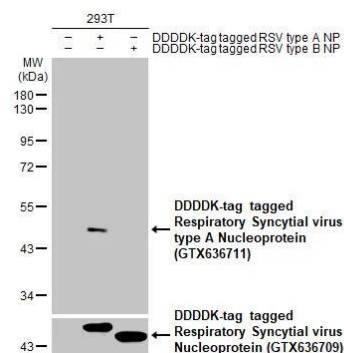
ELISA: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1297) - Azide and BSA Free [NBP3-25632] - Sandwich ELISA detection of recombinant HEK293 expressed, full-length respiratory syncytial virus type A nucleoprotein, DDDDK tag using ELISA pairs below. The amount of capture and detection antibodies are 5 and 1 ug/mL, respectively. Pair 1: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (NBP3-25626) Detection: Respiratory Syncytial virus type A Nucleoprotein antibody [HL1297] (NBP3-25632) conjugated with HRP Pair 2: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (NBP3-25626) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1296] (NBP3-25479) conjugated with HRP Pair 3: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (NBP3-25626) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1295] (NBP3-25630) conjugated with HRP Please notice that detection antibodies need to be conjugated to HRP to function when paired with capture one. Please contact us for custom HRP-conjugated antibody.



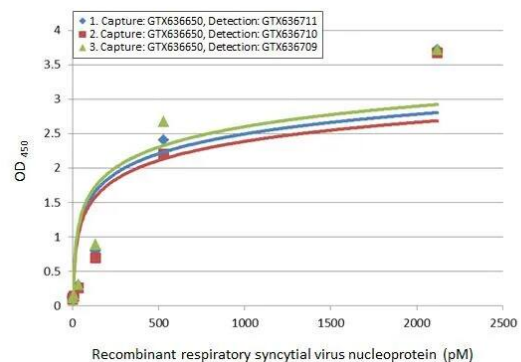
Western Blot: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1297) - Azide and BSA Free [NBP3-25632] - Non-infected (-) and infected (+) HEp-2 whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with Respiratory Syncytial virus type A Nucleoprotein antibody [HL1297] (NBP3-25632) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



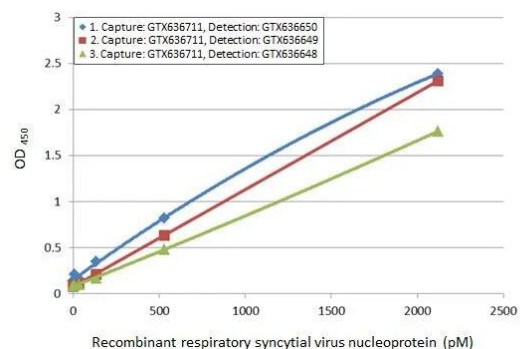
Western Blot: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1297) - Azide and BSA Free [NBP3-25632] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Respiratory Syncytial virus Nucleoprotein antibody [HL1297] (NBP3-25632) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



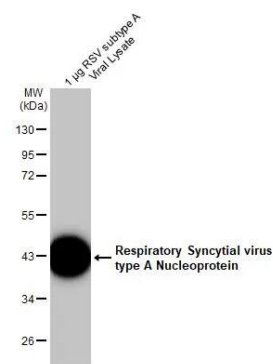
ELISA: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1297) - Azide and BSA Free [NBP3-25632] - Sandwich ELISA detection of recombinant HEK293 expressed, full-length respiratory syncytial virus type A nucleoprotein, DDDDK tag using ELISA pairs below. The amount of capture and detection antibodies are 5 and 1 ug/mL, respectively. Pair 1: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1248] (NBP3-25628) Detection: Respiratory Syncytial virus type A Nucleoprotein antibody [HL1297] (NBP3-25632) conjugated with HRP  
 Pair 2: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1248] (NBP3-25628) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1296] (NBP3-25479) conjugated with HRP  
 Pair 3: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1248] (NBP3-25628) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1295] (NBP3-25630) conjugated with HRP  
 Please notice that detection antibodies need to be conjugated to HRP to function when paired with capture one. Please contact us for custom HRP-conjugated antibody.



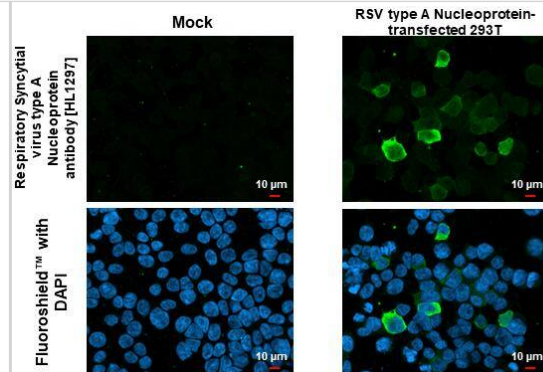
ELISA: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1297) - Azide and BSA Free [NBP3-25632] - Sandwich ELISA detection of recombinant HEK293 expressed, full-length respiratory syncytial virus type A nucleoprotein, DDDDK tag using ELISA pairs below. The amount of capture and detection antibodies are 5 and 1 ug/mL, respectively. Pair 1: Capture: Respiratory Syncytial virus type A Nucleoprotein antibody [HL1297] (NBP3-25632) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1248] (NBP3-25628) conjugated with HRP  
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 Pair 3: Capture: Respiratory Syncytial virus type A Nucleoprotein antibody [HL1297] (NBP3-25632) Detection: Respiratory Syncytial virus type A Nucleoprotein antibody [HL1246] (NBP3-25626) conjugated with HRP  
 Please notice that detection antibodies need to be conjugated to HRP to function when paired with capture one. Please contact us for custom HRP-conjugated antibody.



Western Blot: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1297) - Azide and BSA Free [NBP3-25632] - Respiratory syncytial virus lysate (1 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Respiratory Syncytial virus type A Nucleoprotein antibody [HL1297] (NBP3-25632) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Respiratory Syncytial Virus Nucleoprotein antibody [HL1297] detects Respiratory Syncytial Virus Nucleoprotein protein by immunofluorescent analysis. Sample: Mock and transfected 293T cells were fixed in 4% PFA. Green: Respiratory Syncytial Virus Nucleoprotein stained by Respiratory Syncytial Virus Nucleoprotein antibody [HL1297] (NBP3-25632) diluted at 1:500. Blue: Fluoroshield with DAPI .





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### **Products Related to NBP3-25632**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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