

# Product Datasheet

## Histone H3.3 [p Thr3] Antibody (28H4) - BSA Free NBP3-26418-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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**NBP3-26418-100ul**

Histone H3.3 [p Thr3] Antibody (28H4) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20 to -70C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	28H4
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Histone H3.3 [p Thr3] Antibody (28H4) - BSA Free (NBP3-26418) is a recombinant monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3020
<b>Gene Symbol</b>	H3-3A
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Synthesized peptide [UniProt P84243]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:500-1:5000, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence 1:50-1:500



## Images

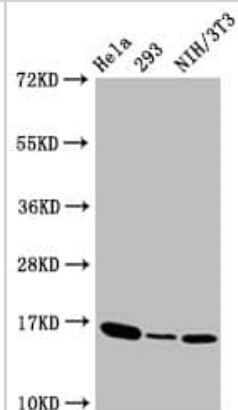
Western Blot: Histone H3.3 [p Thr3] Antibody (28H4) [NBP3-26418] - Positive Western Blot detected in: HeLa whole cell lysate, 293 whole cell lysate, NIH/3T3 whole cell lysate.

All lanes: Histone H3.3 [p Thr3] Antibody at 1.41 ug/ml.

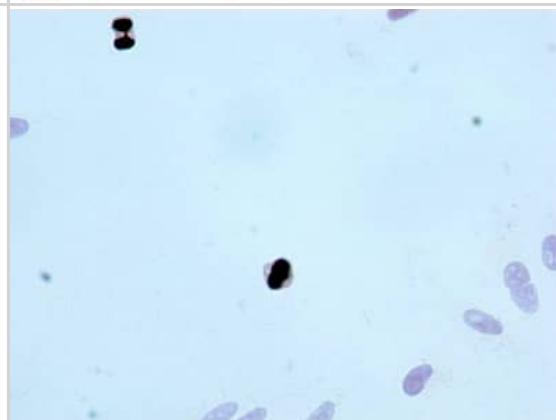
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 16 KDa

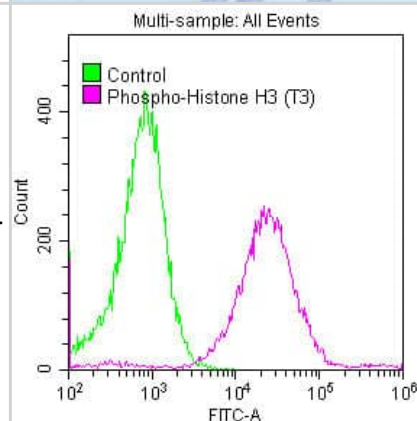
Observed band size: 16 KDa



Immunocytochemistry/Immunofluorescence: Histone H3.3 [p Thr3] Antibody (28H4) [NBP3-26418] - Analysis of Histone H3.3 [p Thr3] Antibody (28H4) diluted at 1:100 and staining in HeLa cells. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Flow Cytometry: Histone H3.3 [p Thr3] Antibody (28H4) [NBP3-26418] - Overlay histogram showing HeLa cells stained with Histone H3.3 [p Thr3] Antibody (28H4) (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then permeabilized with 0.3% Triton X-100 for 2 min. The cells were then incubated in 1x PBS /10% normal goat serum to block non-specific protein-protein interactions followed by primary antibody for 1 h at 4C. The secondary antibody used was FITC goat anti-rabbit IgG (H+L) at 1/200 dilution for 1 h at 4C. Control antibody (green line) was used under the same conditions. Acquisition of >10,000 events was performed.





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### **Products Related to NBP3-26418-100ul**

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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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