

Product Datasheet

Histone H2B [ac Lys20] Antibody (PS01-46) NBP3-32427

Unit Size: 100 ul

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

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NBP3-32427

Histone H2B [ac Lys20] Antibody (PS01-46)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PS01-46
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	14 kDa

Product Description	
Description	Novus Biologicals Rabbit Histone H2B [ac Lys20] Antibody (PS01-46) (NBP3-32427) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	440689
Gene Symbol	H2BC18
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide. (Uniprot: O60814)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:1000



Images

Western Blot: Histone H2B [ac Lys20] Antibody (PS01-46) [NBP3-32427] - Western blot analysis of Histone H2B on different lysates with Rabbit anti-Histone H2B antibody (NBP3-32427) at 1/1,000 dilution.

Lane 1: Hela whole cell lysate

Lane 2: Hela treated with 500 ng/ml TSA for 4 hours whole cell lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 14 kDa

Observed band size: 14 kDa

Exposure time: 2 minutes;

15% SDS-PAGE gel.

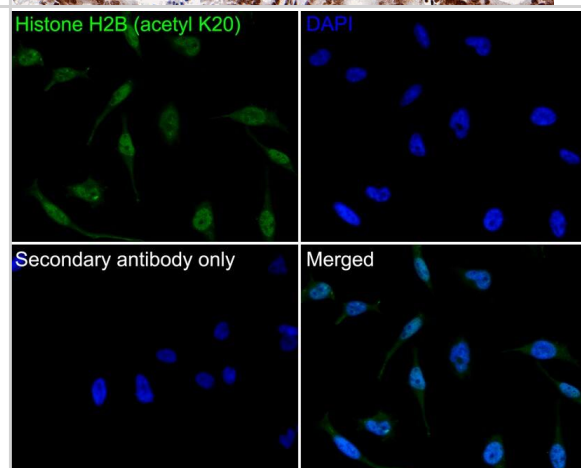
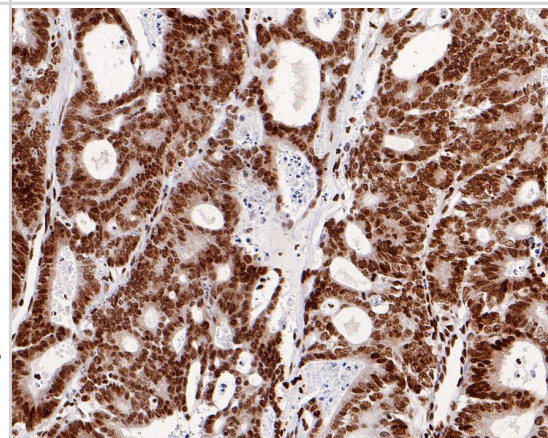
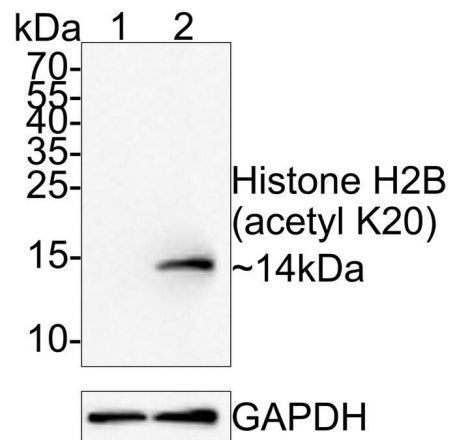
Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody (NBP3-32427) at 1/1,000 dilution was used in 5% NFDN/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Histone H2B [ac Lys20] Antibody (PS01-46) [NBP3-32427] - Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue with Rabbit anti-Histone H2B antibody (NBP3-32427) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32427) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Immunocytochemistry/ Immunofluorescence: Histone H2B [ac Lys20] Antibody (PS01-46) [NBP3-32427] - Immunocytochemistry analysis of Hela cells labeling Histone H2B with Rabbit anti-Histone H2B antibody (NBP3-32427) at 1/50 dilution.

Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-Histone H2B antibody (NBP3-32427) at 1/50 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.





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Products Related to NBP3-32427

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

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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