

Product Datasheet

Histone H2B type 1B [ac Lys20] Antibody (21F11) NBP3-15229

Unit Size: 100 ul

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

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Updated 1/7/2025 v.20.1

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NBP3-15229

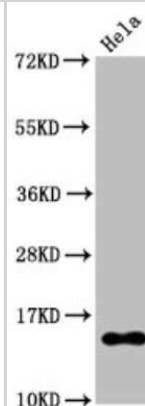
Histone H2B type 1B [ac Lys20] Antibody (21F11)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	21F11
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
Product Description	
Host	Rabbit
Gene ID	3018
Gene Symbol	H2BC3
Species	Human
Immunogen	A synthesized peptide. UniProt ID (P33778).
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:5000-1:10000, Flow Cytometry, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1 - 4 ug/ml, Immunohistochemistry-Paraffin 1:200-1:500

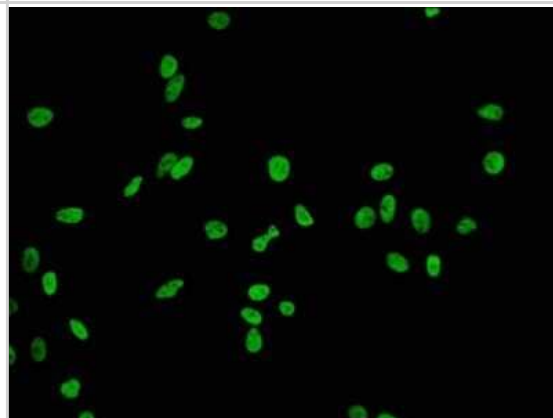


Images

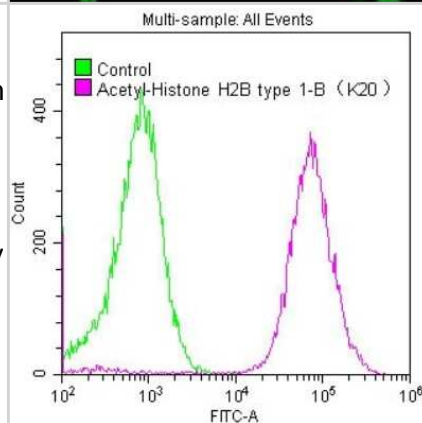
Western Blot: Histone H2B type 1B [ac Lys20] Antibody (21F11) [NBP3-15229] - Positive WB detected in HeLa whole cell lysate treated by 15mM sodium butyrate for 30 minutes. All lanes: Histone H2B type 1B antibody at 0.135ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 15 KDa. Observed band size: 15 KDa.



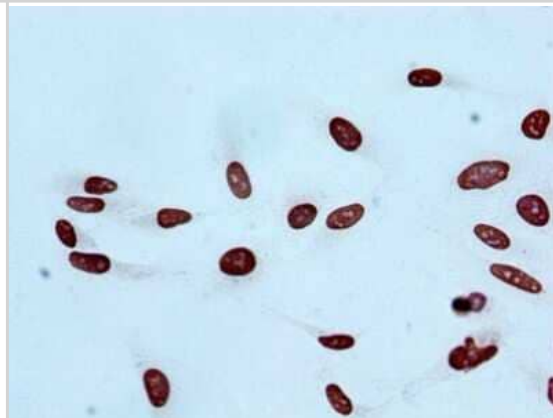
Immunocytochemistry/Immunofluorescence: Histone H2B type 1B [ac Lys20] Antibody (21F11) [NBP3-15229] - Immunofluorescence staining of HeLa cells (treated by 15mM sodium butyrate for 30 minutes) with Histone H2B type 1B antibody 1:84, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L).



Flow Cytometry: Histone H2B type 1B [ac Lys20] Antibody (21F11) [NBP3-15229] - Overlay histogram showing HeLa cells stained with Histone H2B type 1B antibody (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.



Immunocytochemistry/Immunofluorescence: Histone H2B type 1B [ac Lys20] Antibody (21F11) [NBP3-15229] - Immunocytochemistry analysis of Histone H2B type 1B antibody 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.





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Products Related to NBP3-15229

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00008294-P01-10ug	Recombinant Human HIST1H4I GST (N-Term) Protein

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