

# Product Datasheet

## Histone H2B Antibody (SD20-63) NBP2-67753

Unit Size: 100 ul

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

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**NBP2-67753****Histone H2B Antibody (SD20-63)**

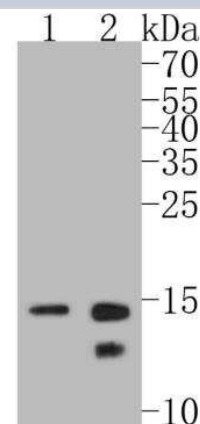
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SD20-63
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	440689
<b>Gene Symbol</b>	H2BC18
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide within human Histone H2B aa 110 to the C-terminus (acetyl K121). (SwissProt: O60814 Human; SwissProt: P10854 Mouse; SwissProt: Q64475 Mouse; SwissProt: Q00729 Rat)

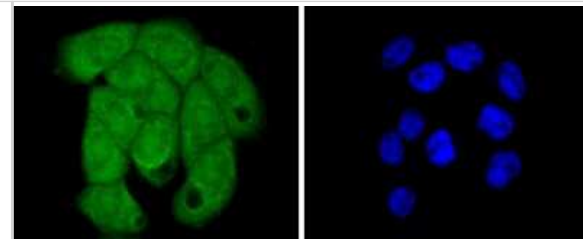
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:5000
<b>Application Notes</b>	IP: Use at an assay dependent concentration.

**Images**

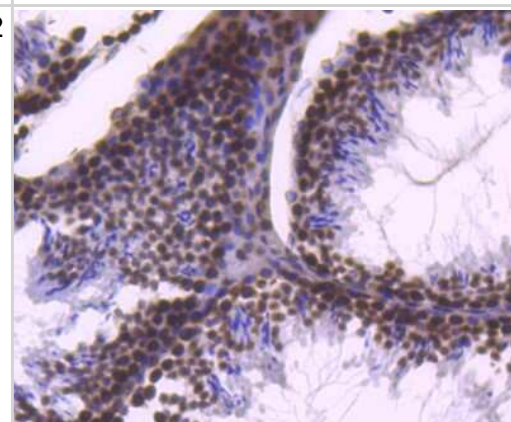
Western Blot: Histone H2B Antibody (SD20-63) [NBP2-67753] - Analysis of Histone H2B on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Hela cell lysate Lane 2: PC-12 cell lysate



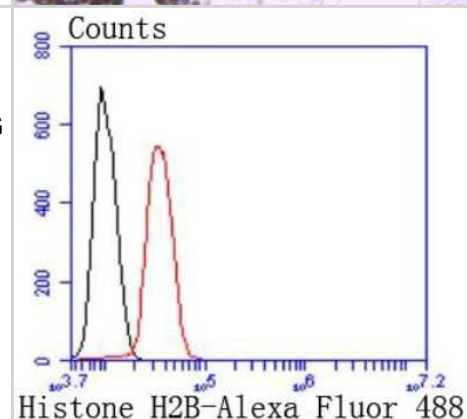
**Immunocytochemistry/Immunofluorescence: Histone H2B Antibody (SD20-63) [NBP2-67753]** - Staining Histone H2B in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



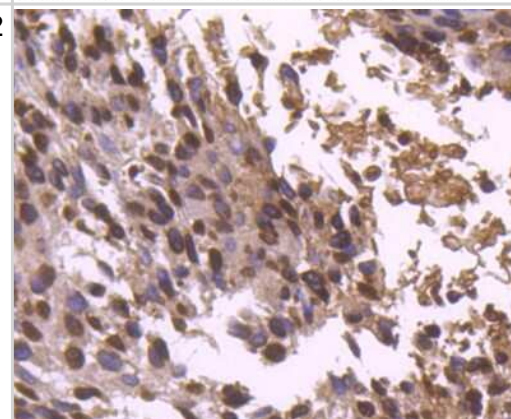
**Immunohistochemistry-Paraffin: Histone H2B Antibody (SD20-63) [NBP2-67753]** - Analysis of paraffin-embedded mouse testis tissue using anti-Histone H2B antibody. Counter stained with hematoxylin.



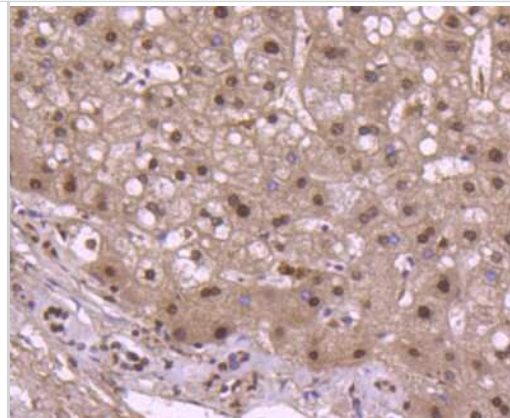
**Flow Cytometry: Histone H2B Antibody (SD20-63) [NBP2-67753]** - Analysis of Hela cells with Histone H2B antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



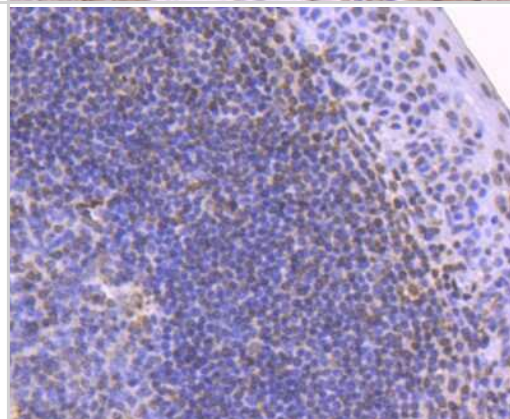
**Immunohistochemistry-Paraffin: Histone H2B Antibody (SD20-63) [NBP2-67753]** - Analysis of paraffin-embedded human breast carcinoma tissue using anti-Histone H2B antibody. Counter stained with hematoxylin.



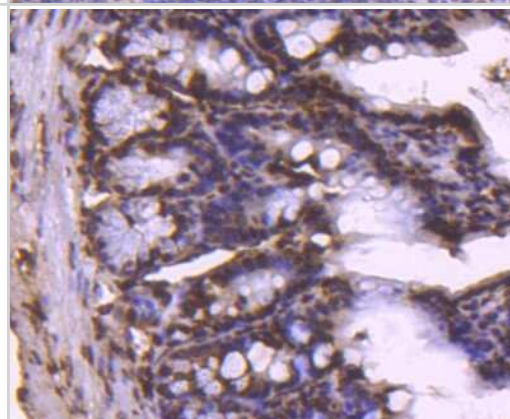
Immunohistochemistry-Paraffin: Histone H2B Antibody (SD20-63) [NBP2-67753] - Analysis of paraffin-embedded human liver tissue using anti-Histone H2B antibody. Counter stained with hematoxylin.



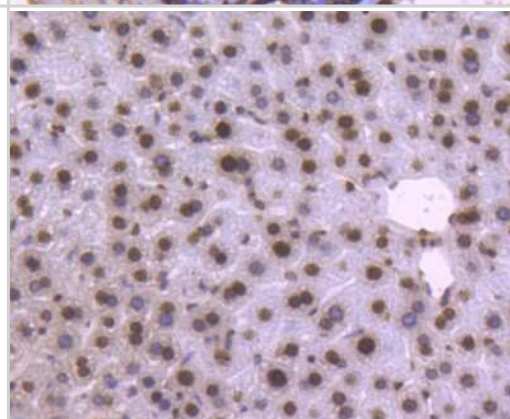
Immunohistochemistry-Paraffin: Histone H2B Antibody (SD20-63) [NBP2-67753] - Analysis of paraffin-embedded human tonsil tissue using anti-Histone H2B antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Histone H2B Antibody (SD20-63) [NBP2-67753] - Analysis of paraffin-embedded mouse colon tissue using anti-Histone H2B antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Histone H2B Antibody (SD20-63) [NBP2-67753] - Analysis of paraffin-embedded mouse liver tissue using anti-Histone H2B antibody. Counter stained with hematoxylin.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-  
techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-67753**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-07913-200ug	Recombinant Human Histone H2B Protein

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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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