

Product Datasheet

Histone H3.1 [Dimethyl Lys4] Antibody (6F6) NBP3-26622-100ul

Unit Size: 100 ul

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

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NBP3-26622-100ul

Histone H3.1 [Dimethyl Lys4] Antibody (6F6)

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	6F6
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	8353
Gene Symbol	HIST1H3E
Species	Human, Mouse
Immunogen	Synthesized peptide [UniProt P68431]
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry, ELISA, Immunocytochemistry/ Immunofluorescence 1:50-1:500

Images

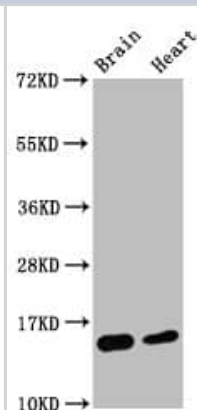
Western Blot: Histone H3.1 [Dimethyl Lys4] Antibody (6F6) [NBP3-26622] - Positive Western Blot detected in Mouse brain tissue, Mouse heart tissue.

All lanes: Histone H3.1 [Dimethyl Lys4] Antibody at 0.55ug/ml.

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

Predicted band size: 15 KDa

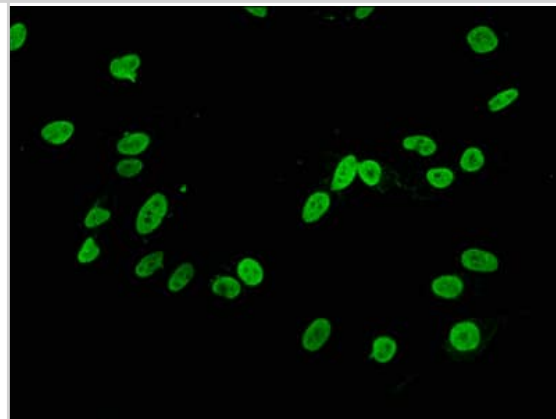
Observed band size: 15 KDa



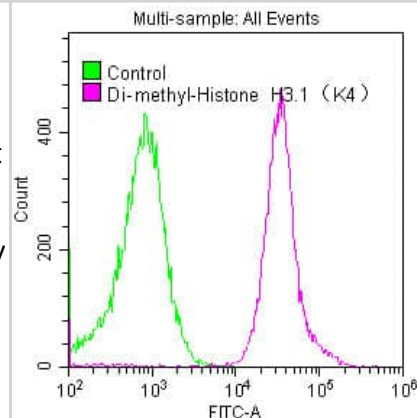
Immunocytochemistry/Immunofluorescence: Histone H3.1 [Dimethyl Lys4] Antibody (6F6) [NBP3-26622] - Analysis of Histone H3.1 [Dimethyl Lys4] Antibody (6F6) diluted at 1:100 and staining in Hela cells. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 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.



Immunocytochemistry/Immunofluorescence: Histone H3.1 [Dimethyl Lys4] Antibody (6F6) [NBP3-26622] - Staining of Hela cells with Histone H3.1 [Dimethyl Lys4] Antibody (6F6) at 1:34, 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 H3.1 [Dimethyl Lys4] Antibody (6F6) [NBP3-26622] - Overlay histogram showing Hela cells stained with Histone H3.1 [Dimethyl Lys4] Antibody (6F6) (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 NBP3-26622-100ul

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

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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