

Product Datasheet

Histone H3.1 [Monomethyl Lys18] Antibody (2B5) NBP3-26134-100ul

Unit Size: 100 ul

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

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NBP3-26134-100ul

Histone H3.1 [Monomethyl Lys18] Antibody (2B5)

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	2B5
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
Immunogen	Synthesized peptide [UniProt P68431]
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA, Immunocytochemistry/ Immunofluorescence 1:50-1:500



Images

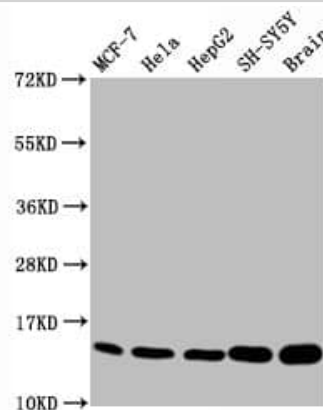
Western Blot: Histone H3.1 [Monomethyl Lys18] Antibody (2B5) [NBP3-26134] - Positive Western Blot detected in MCF-7 whole cell lysate. Hela whole cell lysate. HepG2 whole cell lysate. SH-SY5Y whole cell lysate, Rat brain tissue.

All lanes: Histone H3.1 [Monomethyl Lys18] Antibody at 0.7ug/ml.

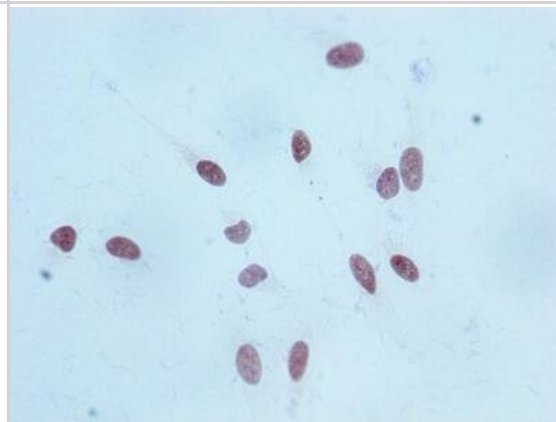
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 15 KDa

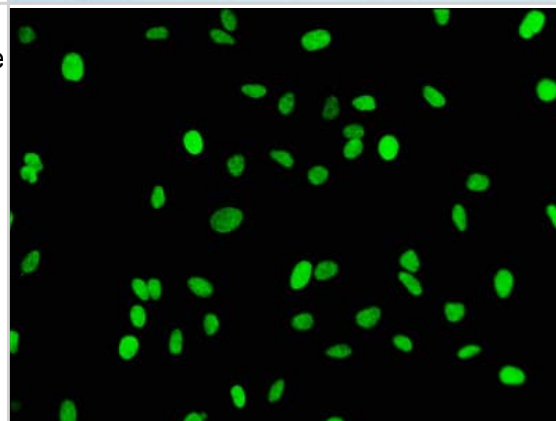
Observed band size: 15 KDa



Immunocytochemistry/Immunofluorescence: Histone H3.1 [Monomethyl Lys18] Antibody (2B5) [NBP3-26134] - Analysis of Histone H3.1 [Monomethyl Lys18] Antibody (2B5) 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 [Monomethyl Lys18] Antibody (2B5) [NBP3-26134] - Staining of Hela cells with Histone H3.1 [Monomethyl Lys18] Antibody (2B5) at 1:43, 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).





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

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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
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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