

Product Datasheet

Histone H3 [ac Lys18] Antibody (RM166) NBP2-61538

Unit Size: 100 ug

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

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Updated 2/24/2026 v.20.1

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NBP2-61538**Histone H3 [ac Lys18] Antibody (RM166)**

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM166
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	50% Glycerol/PBS, 1% BSA
Target Molecular Weight	15 kDa

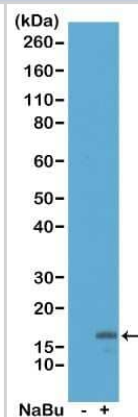
Product Description	
Description	Novus Biologicals Rabbit Histone H3 [ac Lys18] Antibody (RM166) (NBP2-61538) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, IHC, WB, ELISA, ICC/IF and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	126961
Gene Symbol	H3C14
Species	Human, Vertebrate
Specificity/Sensitivity	This Histone H3 [ac Lys18] antibody (RM166) reacts to Histone H3 acetylated at Lysine 18. No cross reactivity with other acetylated Lysines in Histone H3.
Immunogen	This Histone H3 [ac Lys18] antibody (RM166) was raised against an acetyl-peptide corresponding to the Histone H3 [ac Lys18]

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation (ChIP), Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 0.5 ug/ml-2 ug/ml, ELISA 0.2 ug/mL - 1 ug/mL, Immunohistochemistry 1 ug/mL-10 ug/mL, Immunocytochemistry/ Immunofluorescence 0.5 ug/ml - 2 ug/ml, Chromatin Immunoprecipitation (ChIP) 2 ug/mL-10 ug/mL, Multiplex Immunofluorescence

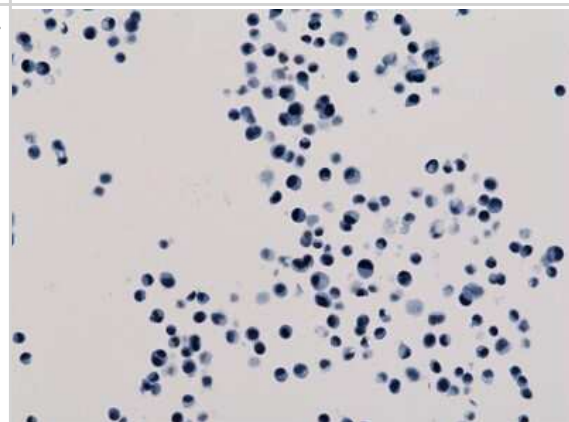


Images

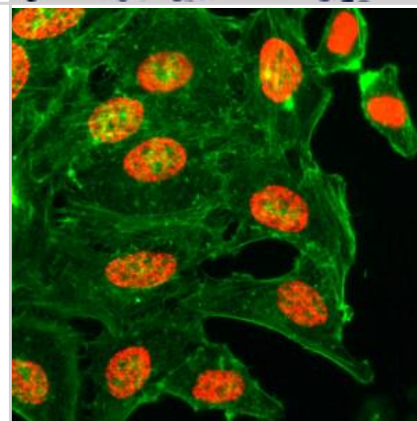
Western Blot: Histone H3 [ac Lys18] Antibody (RM166) [NBP2-61538] - Western Blot of acid extracts from HeLa cells untreated (-) or treated (+) with sodium butyrate, using NBP2-61538 at 0.5 ug/ml. Observed molecular weight is ~17 kDa.



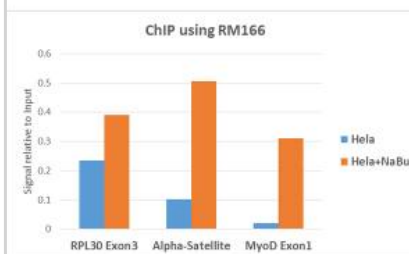
Immunohistochemistry: Histone H3 [ac Lys18] Antibody (RM166) [NBP2-61538] - Immunohistochemistry staining of HepG2 cells using NBP2-61538.



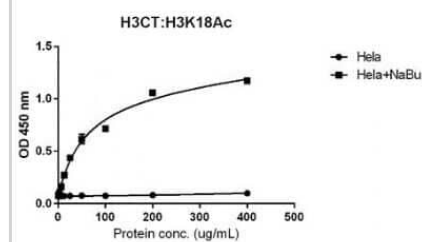
Immunocytochemistry/ Immunofluorescence: Histone H3 [ac Lys18] Antibody (RM166) - Azide and BSA Free [NBP2-61538] - Immunocytochemistry of HeLa cells treated with sodium butyrate, using Clone RM166 (red). Actin filaments have been labeled with fluorescein phalloidin (green).



Chromatin Immunoprecipitation: Histone H3 [ac Lys18] Antibody (RM166) - Azide and BSA Free [NBP2-61538] - ChIP performed on HeLa cells with or without Sodium Butyrate treatment, using Clone RM166 (5ug). Real-time PCR was performed using primers specific to the gene indicated.



ELISA: Histone H3 [ac Lys18] Antibody (RM166) [NBP2-61538] - Sandwich ELISA using HeLa whole cell lysate, treated or untreated with Sodium Butyrate. Using NBP2-61547 at 1 ug/ml as the capture antibody and biotinylated anti-H3K18ac NBP2-61538 at 2ug/ml as the detection antibody.





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 NBP2-61538

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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