

Product Datasheet

Histone H3 [ac Lys9] Antibody (RM161) - Azide and BSA Free **NBP3-25994**

Unit Size: 100 ug

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

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NBP3-25994

Histone H3 [ac Lys9] Antibody (RM161) - Azide and BSA Free

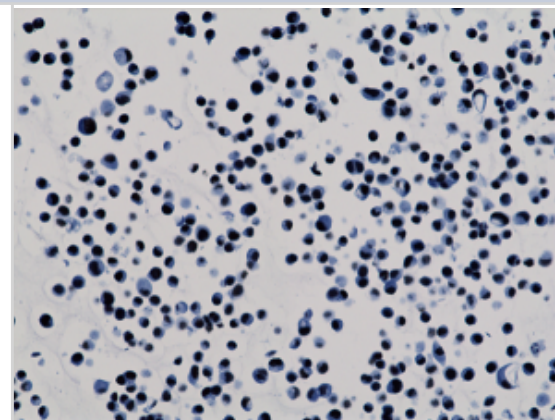
Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM161
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit Histone H3 [ac Lys9] Antibody (RM161) - Azide and BSA Free (NBP2-61536) 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 Lys9] antibody (RM161) reacts to Histone H3 acetylated at Lysine 9. No cross reactivity with other acetylated Lysines in Histone H3.
Immunogen	This Histone H3 [ac Lys9] antibody (RM161) was raised against an acetyl-peptide corresponding to the Histone H3 [ac Lys9]

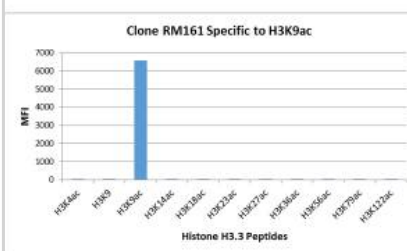
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation (ChIP), Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 0.25 ug/ml-1 ug/ml, ELISA 0.2 ug/mL - 1 ug/mL, Immunohistochemistry 0.1 ug/ml - 1 ug/ml, Immunocytochemistry/ Immunofluorescence 0.5 ug/ml - 2 ug/ml, Chromatin Immunoprecipitation (ChIP) 2 ug/mL-10 ug/mL, Multiplex Immunofluorescence

Images

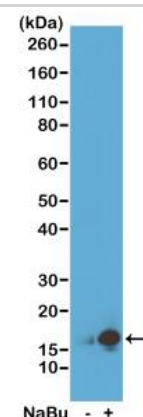
Immunohistochemistry-Paraffin: Histone H3 [ac Lys9] Antibody (RM161) - Azide and BSA Free [NBP3-25994] - Immunohistochemistry staining of HepG2 cells using Clone RM161.



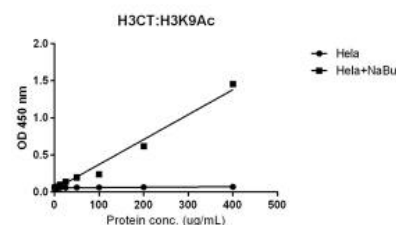
Multiplex Immunoassay: Histone H3 [ac Lys9] Antibody (RM161) - Azide and BSA Free [NBP3-25994] - RM161 specifically reacts to Histone H3 acetylated at Lysine 9 (K9ac). No cross reactivity with acetylated Lysine 4 (K4ac), Lysine 14 (K14ac), Lysine 18 (K18ac), Lysine 23 (K23ac), Lysine 27 (K27ac), Lysine 36 (K36ac), Lysine 56 (K56ac), lysine 79 (K79ac), or Lysine 122 (K122) in histone H3.



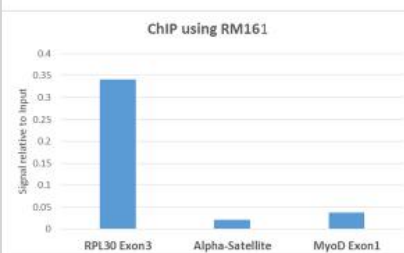
Western Blot: Histone H3 [ac Lys9] Antibody (RM161) - Azide and BSA Free [NBP3-25994] - Western Blot of acid extracts from HeLa cells untreated (-) or treated (+) with Sodium Butyrate, using RM161 at 0.25 ug/mL.



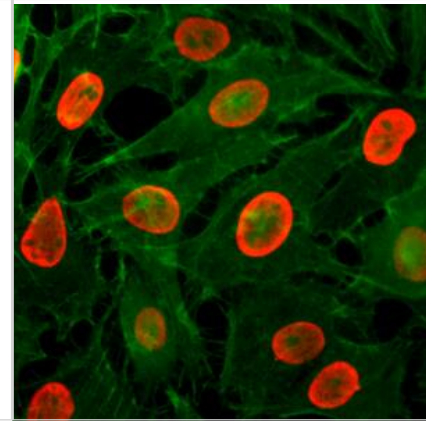
Sandwich ELISA: Histone H3 [ac Lys9] Antibody (RM161) - Azide and BSA Free [NBP3-25994] - Sandwich ELISA against acetylated histone H3 at Lys 9 using Clone RM161 (1 ug/mL) as the detection antibody.



Chromatin Immunoprecipitation: Histone H3 [ac Lys9] Antibody (RM161) - Azide and BSA Free [NBP3-25994] - ChIP performed on HeLa cells using Clone RM161 (5ug). Real-time PCR was performed using primers specific to the gene indicated.



Immunocytochemistry/ Immunofluorescence: Histone H3 [ac Lys9]
Antibody (RM161) - Azide and BSA Free [NBP3-25994] -
Immunocytochemistry of HeLa cells treated with sodium butyrate, using
Clone RM161 (red). Actin filaments have been labeled with fluorescein
phalloidin (green).





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Products Related to NBP3-25994

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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