

Product Datasheet

Histone H3 [ac Lys9] Antibody (RM161) NBP2-61536

Unit Size: 100 ug

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

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NBP2-61536**Histone H3 [ac Lys9] Antibody (RM161)**

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM161
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	50% Glycerol/PBS, 1% BSA
Target Molecular Weight	15 kDa

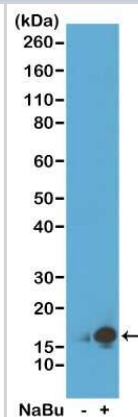
Product Description	
Description	Novus Biologicals Rabbit Histone H3 [ac Lys9] Antibody (RM161) (NBP2-61536) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, IHC, WB, ELISA, ICC/IF and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	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

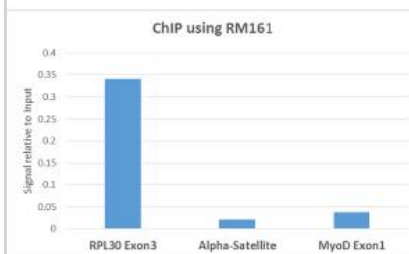


Images

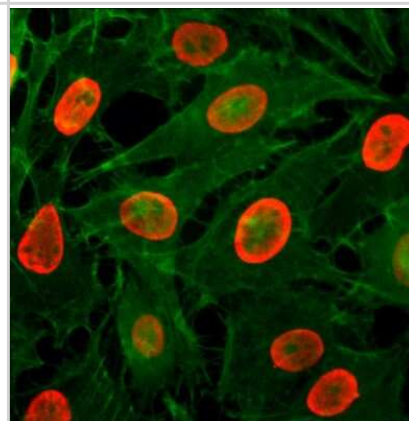
Western Blot: Histone H3 [ac Lys9] Antibody (RM161) [NBP2-61536] - Western Blot of acid extracts from HeLa cells untreated (-) or treated (+) with Sodium Butyrate, using NBP2-61536 at 0.25 ug/ml. Observed molecular weight is ~17 kDa.



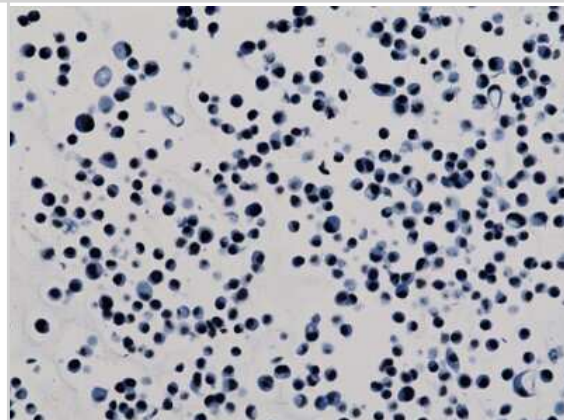
Chromatin Immunoprecipitation: Histone H3 [ac Lys9] Antibody (RM161) [NBP2-61536] - ChIP performed on HeLa cells using Clone RM161 (5ug). Real-time PCR was performed using primers specific to the gene indicated.



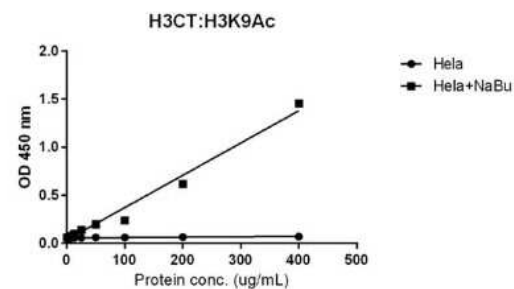
Immunocytochemistry/Immunofluorescence: Histone H3 [ac Lys9] Antibody (RM161) [NBP2-61536] - Immunocytochemistry of HeLa cells treated with sodium butyrate, using NBP2-61536 (red). Actin filaments have been labeled with fluorescein phalloidin (green).



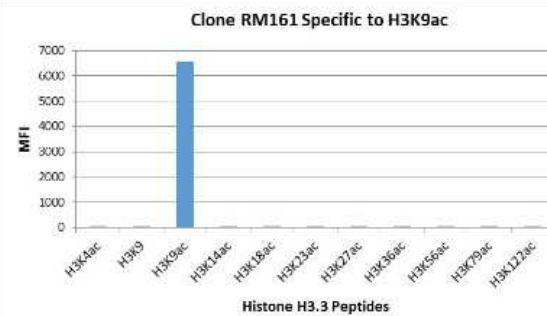
Immunohistochemistry: Histone H3 [ac Lys9] Antibody (RM161) [NBP2-61536] - Immunohistochemistry staining of HepG2 cells using NBP2-61536.



ELISA: Histone H3 [ac Lys9] Antibody (RM161) [NBP2-61536] - 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 NBP2-61536 at 1 ug/ml as the detection antibody.



Multiplex Immunoassay: Histone H3 [ac Lys9] Antibody (RM161) [NBP2-61536] - NBP2-61536 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.





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Products Related to NBP2-61536

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB21-1001PEP	Histone H3 [Monomethyl Arg2] Antibody Blocking Peptide

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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