

Product Datasheet

Histone H3 [Dimethyl Lys9] Antibody (RM151) - Azide and BSA Free NBP3-25998

Unit Size: 100 ug

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

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Updated 9/9/2025 v.20.1

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NBP3-25998

Histone H3 [Dimethyl Lys9] Antibody (RM151) - Azide and BSA Free

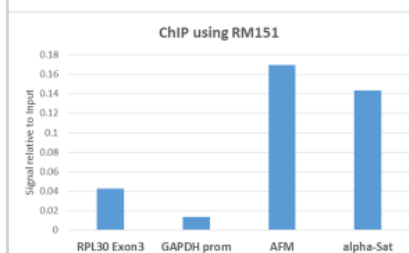
Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM151
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit Histone H3 [Dimethyl Lys9] Antibody (RM151) - Azide and BSA Free (NBP2-61534) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, 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 [Dimethyl Lys9] antibody (RM151) reacts to Histone H3 dimethylated at Lysine 9. No cross reactivity with monomethylated Lysine 9 or trimethylated Lysine 9, or other methylation in Histone H3.
Immunogen	This Histone H3 [Dimethyl Lys9] antibody (RM151) was raised against a dimethyl-peptide corresponding to Histone H3 [Dimethyl Lys9]

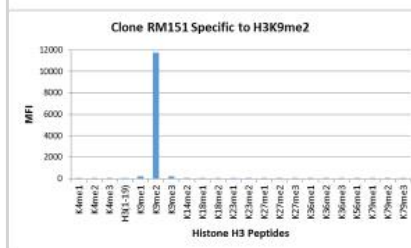
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation (ChIP), Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 0.25 ug/ml - 1 ug/ml, ELISA 0.2 ug/mL - 1 ug/mL, Immunocytochemistry/ Immunofluorescence 0.5 ug/ml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

Images

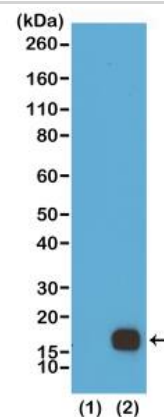
Chromatin Immunoprecipitation: Histone H3 [Dimethyl Lys9] Antibody (RM151) - Azide and BSA Free [NBP3-25998] - ChIP performed on HeLa cells using Clone RM151 (5ug). Real-time PCR was performed using primers specific to the gene indicated.



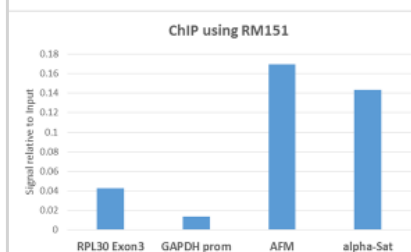
Multiplex Immunoassay: Histone H3 [Dimethyl Lys9] Antibody (RM151) - Azide and BSA Free [NBP3-25998] - RM151 specifically reacts to Histone H3 dimethylated at Lysine 9 (K9me2). No cross reactivity with non-modified Lysine 9 (H3 1-19), monomethylated Lysine 9 (K9me1), trimethylated Lysine 9 (K9me3), or other methylations in Histone H3.



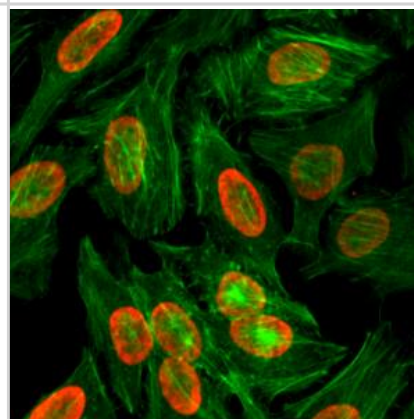
Western Blot: Histone H3 [Dimethyl Lys9] Antibody (RM151) - Azide and BSA Free [NBP3-25998] - Western Blot of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2), using RM151 at 0.5 ug/mL, showed a band of histone H3 dimethylated at Lysine 9 in HeLa cells.



Chromatin Immunoprecipitation: Histone H3 [Dimethyl Lys9] Antibody (RM151) - Azide and BSA Free [NBP3-25998] - ChIP performed on HeLa cells using Clone RM151 (5ug). Real-time PCR was performed using primers specific to the gene indicated.



Immunocytochemistry/ Immunofluorescence: Histone H3 [Dimethyl Lys9] Antibody (RM151) - Azide and BSA Free [NBP3-25998] - Immunocytochemistry of HeLa cells treated with sodium butyrate, using Clone RM151 (red). Actin filaments have been labeled with fluorescein phalloidin (green).





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Products Related to NBP3-25998

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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