

Product Datasheet

Histone H3 [Monomethyl Lys9] Antibody (RM150) NBP2-61535

Unit Size: 100 ug

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

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NBP2-61535**Histone H3 [Monomethyl Lys9] Antibody (RM150)**

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM150
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	50% Glycerol/PBS, 1% BSA
Target Molecular Weight	15 kDa

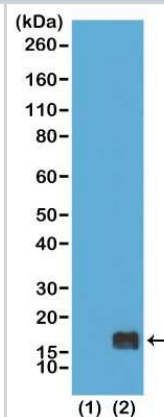
Product Description	
Description	Novus Biologicals Rabbit Histone H3 [Monomethyl Lys9] Antibody (RM150) (NBP2-61535) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, WB, ELISA, ICC/IF and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	126961
Gene Symbol	H3C14
Species	Human, Vertebrate
Specificity/Sensitivity	This Histone H3 [Monomethyl Lys9] antibody (RM150) reacts to Histone H3 monomethylated at Lysine 9. No cross reactivity with dimethylated Lysine 9 or trimethylated Lysine 9, or other methylations in Histone H3.
Immunogen	This Histone H3 [Monomethyl Lys9] antibody (RM150) was raised against a monomethyl-peptide corresponding to Histone H3 [Monomethyl Lys9]

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation (ChIP), Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 0.2 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

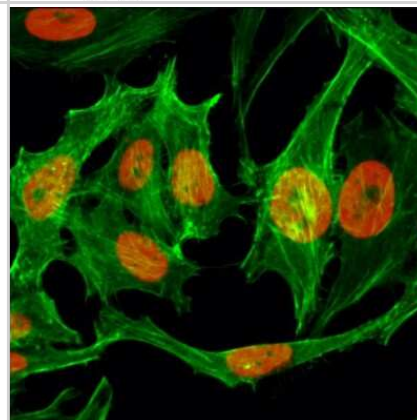


Images

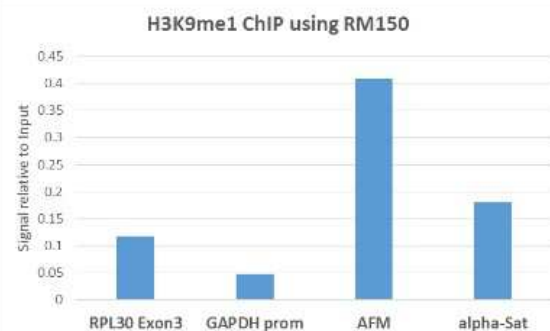
Western Blot: Histone H3 [Monomethyl Lys9] Antibody (RM150) [NBP2-61535] - Western Blot of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2), using NBP2-61535 at 0.5 ug/ml. Observed molecular weight is ~16 kDa.



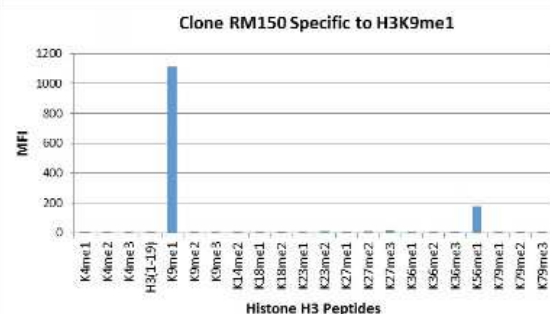
Immunocytochemistry/Immunofluorescence: Histone H3 [Monomethyl Lys9] Antibody (RM150) [NBP2-61535] - Immunocytochemistry of HeLa cells, using monomethyl-Histone H3 (Lys9) Rabbit mAb NBP2-61535 (red). Actin filaments have been labeled with fluorescein phalloidin (green).



Chromatin Immunoprecipitation: Histone H3 [Monomethyl Lys9] Antibody (RM150) [NBP2-61535] - ChIP performed on HeLa cells using H3K9me1 antibody (NBP2-61535). Real-time PCR was performed using primers specific to the gene indicated.



Multiplex Immunoassay: Histone H3 [Monomethyl Lys9] Antibody (RM150) [NBP2-61535] - NBP2-61535 specifically reacts to Histone H3 monomethylated at Lysine 9 (K9me1). No cross reactivity with non-modified Lysine 9, dimethylated Lysine 9 (K9me2), trimethylated Lysine 4 (K9me3), or other methylations in histone H3.





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Products Related to NBP2-61535

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB21-1252PEP	Histone H3 [Dimethyl Lys36] 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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