Product Datasheet

Histone H3 [Dimethyl Lys4] Antibody (RM135)
NBP2-61540

Unit Size: 100 ug

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

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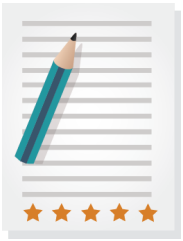


NBP2-61540

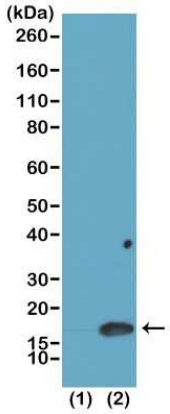
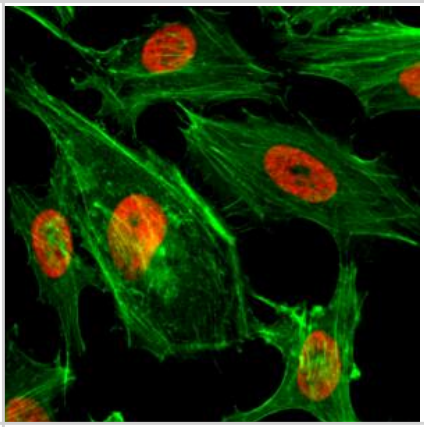
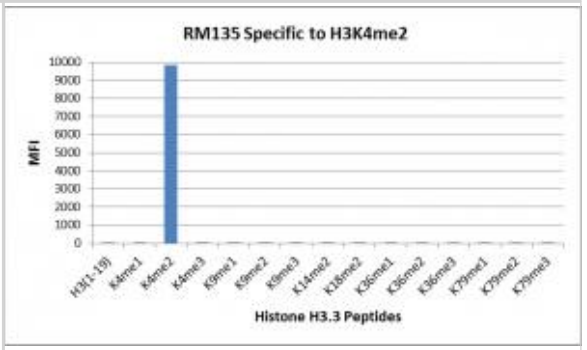
Histone H3 [Dimethyl Lys4] Antibody (RM135)

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM135
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 [Dimethyl Lys4] Antibody (RM135) (NBP2-61540) 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 Lys4] antibody (RM135) reacts to Histone H3 dimethylated at Lysine 4. No cross reactivity with monomethylated Lysine 4 or trimethylated Lysine 4, or other methylation in Histone H3.
Immunogen	This Histone H3 [Dimethyl Lys4] antibody (RM135) was raised against a dimethyl-peptide corresponding to Histone H3 [Dimethyl Lys4]

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation (ChIP), Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 0.02 ug/ml - 0.2 ug/ml, ELISA 0.2 ug/mL - 1 ug/mL, Immunocytochemistry/ Immunofluorescence 1 ug/ml - 2 ug/ml, Chromatin Immunoprecipitation (ChIP) 1ug-5 ug, Multiplex Immunofluorescence

Images

Western Blot: Histone H3 [Dimethyl Lys4] Antibody (RM135) [NBP2-61540] - Western Blot of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2), using NBP2-61540 at 0.025 ug/ml, showed a band of histone H3 dimethylated at Lysine 4 (K4me2) in HeLa cells. Observed molecular weight is ~17 kDa.	
Immunocytochemistry/ Immunofluorescence: Histone H3 [Dimethyl Lys4] Antibody (RM135) - Azide and BSA Free [NBP2-61540] - Immunocytochemistry of HeLa cells treated with sodium butyrate, using Clone RM135 (red). Actin filaments have been labeled with fluorescein phalloidin (green).	
Multiplex Immunoassay: Histone H3 [Dimethyl Lys4] Antibody (RM135) - Azide and BSA Free [NBP2-61540] - RM135 specifically reacts to Histone H3 dimethylated at Lysine 4 (K4me2). No cross reactivity with monomethylated Lysine 4 (K4me1) or trimethylated Lysine 4 (K4me3), or other methylations in histone H3.	

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Products Related to NBP2-61540

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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