

Product Datasheet

Histone H3 [ac Lys4] Antibody (RM149) - Azide and BSA Free NBP3-26000

Unit Size: 100 ug

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

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NBP3-26000

Histone H3 [ac Lys4] Antibody (RM149) - 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	RM149
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

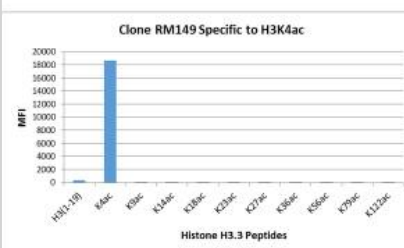
Product Description	
Description	Novus Biologicals Rabbit Histone H3 [ac Lys4] Antibody (RM149) - Azide and BSA Free (NBP2-61542) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, WB, ELISA, ICC/IF and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	126961
Gene Symbol	H3C14
Species	Human, Vertebrate
Specificity/Sensitivity	This Histone H3 [ac Lys4] antibody (RM149) reacts to Histone H3 acetylated at Lysine 4. No cross reactivity with other acetylated Lysines in Histone H3.
Immunogen	This Histone H3 [ac Lys4] antibody (RM149) was raised against an acetyl-peptide corresponding to the Histone H3 [ac Lys4]

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) 1ug-5 ug, Multiplex Immunofluorescence

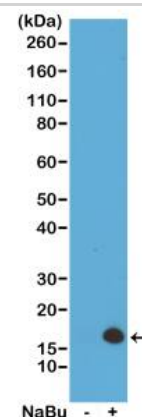


Images

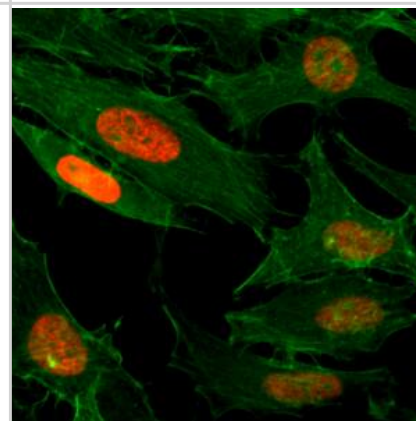
Multiplex Immunoassay: Histone H3 [ac Lys4] Antibody (RM149) - Azide and BSA Free [NBP3-26000] - RM149 specifically reacts to Histone H3 acetylated at Lysine 4. No cross reactivity with non-modified Lysine 4, acetylated Lysine 9, Lysine 14, Lysine 18, Lysine 23, Lysine 27, Lysine 36, Lysine 56, lysine 79, or Lysine 122 in histone H3.



Western Blot: Histone H3 [ac Lys4] Antibody (RM149) - Azide and BSA Free [NBP3-26000] - Western Blot of acid extracts from HeLa cells untreated (-) or treated (+) with sodium butyrate, using RM149 at 0.5 ug/mL, showed a band of Histone H3 acetylated at Lysine 4 in treated HeLa.



Immunocytochemistry/ Immunofluorescence: Histone H3 [ac Lys4] Antibody (RM149) - Azide and BSA Free [NBP3-26000] - Immunocytochemistry of HeLa cells treated with sodium butyrate, using Clone RM149 (red). Actin filaments have been labeled with fluorescein phalloidin (green).





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Products Related to NBP3-26000

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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