

# Product Datasheet

## Histone H4 [ac Lys8] Antibody (RM201) - Azide and BSA Free NBP3-26011

Unit Size: 100 ug

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

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**NBP3-26011**

Histone H4 [ac Lys8] Antibody (RM201) - 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	RM201
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

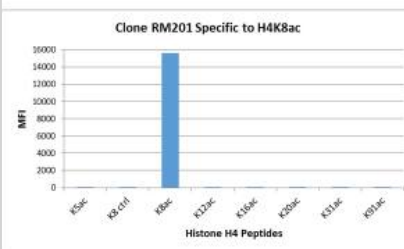
Product Description	
Description	Novus Biologicals Rabbit Histone H4 [ac Lys8] Antibody (RM201) - Azide and BSA Free (NBP2-61558) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, WB, ELISA, ICC/IF and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	121504
Gene Symbol	H4C16
Species	Human, Vertebrate
Specificity/Sensitivity	This antibody reacts to Histone H4 acetylated at Lysine 8. No cross reactivity with other acetylated Lysines in Histone H4.
Immunogen	An acetyl-peptide corresponding to the Histone H4 [ac Lys8]

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

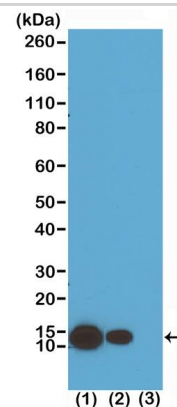


## Images

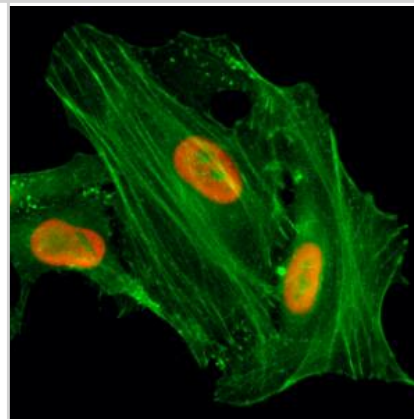
**Multiplex Immunoassay: Histone H4 [ac Lys8] Antibody (RM201) - Azide and BSA Free [NBP3-26011]** - RM201 specifically reacts to Histone H4 acetylated at Lysine 8. No cross reactivity with unmodified Lysine 8, acetylated Lysine 5, Lysine 12, Lysine 16, Lysine 20, Lysine 31, or Lysine 91 in Histone H4.



**Western Blot: Histone H4 [ac Lys8] Antibody (RM201) - Azide and BSA Free [NBP3-26011]** - Western Blot of (1) acid extracts of HeLa cells treated with sodium butyrate, (2) acid extracts of HeLa cells untreated, and (3) recombinant Histone H4, using RM201 at 0.5 ug/mL, showed a band of Histone H4 acetylated at Lysine 8 in HeLa cells.



**Immunocytochemistry/ Immunofluorescence: Histone H4 [ac Lys8] Antibody (RM201) - Azide and BSA Free [NBP3-26011]** - Immunocytochemistry of HeLa cells treated with sodium butyrate, using Clone RM201 (red). Actin filaments have been labeled with fluorescein phalloidin (green).





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### **Products Related to NBP3-26011**

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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

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### **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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