

# Product Datasheet

## Histone H4 [ac Lys20] Antibody (RM205) NBP2-61559

Unit Size: 100 ug

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-61559](http://www.novusbio.com/NBP2-61559)

Updated 10/23/2024 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-61559](http://www.novusbio.com/reviews/destination/NBP2-61559)



**NBP2-61559**

Histone H4 [ac Lys20] Antibody (RM205)

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM205
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	50% Glycerol/PBS, 1% BSA

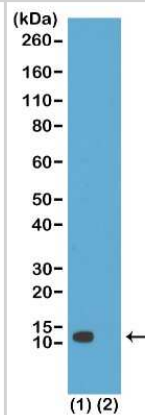
Product Description	
Host	Rabbit
Gene ID	121504
Gene Symbol	H4C16
Species	Human, Vertebrate
Specificity/Sensitivity	This antibody reacts to Histone H4 acetylated at Lysine 20. No cross reactivity with other acetylated Lysines in Histone H4.
Immunogen	An acetyl-peptide corresponding to the Histone H4 [ac Lys20]

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation (ChIP), Multiplex Immunoassay
Recommended Dilutions	Western Blot 1 ug/ml - 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 Immunoassay 0.1 ug/ml - 1 ug/ml

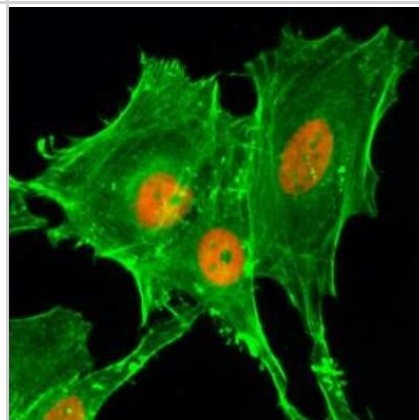


## Images

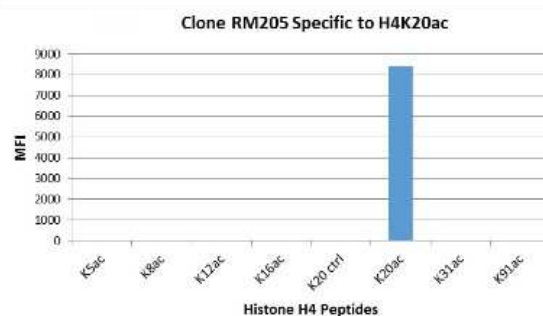
Western Blot: Histone H4 [ac Lys20] Antibody (RM205) [NBP2-61559] - Western Blot of (1) acid extracts of HeLa cells; (2) recombinant Histone H4. Using NBP2-61559, showed a band of Histone H4 acetylated at Lysine 20 in HeLa cells.



Immunocytochemistry/Immunofluorescence: Histone H4 [ac Lys20] Antibody (RM205) [NBP2-61559] - Immunocytochemical staining of HeLa cells treated with sodium butyrate, using NBP2-61559, red). Actin filaments have been labeled with fluorescein phalloidin (green).



Multiplex Immunoassay: Histone H4 [ac Lys20] Antibody (RM205) [NBP2-61559] - NBP2-61559 specifically reacts to Histone H4 acetylated at Lysine 20 (K20ac). No cross reactivity with unmodified Lysine 20 (K20 ctrl), acetylated Lysine 5 (K5ac), Lysine 8 (K8ac), Lysine 12 (K12ac), Lysine 16 (K20ac), Lysine 31 (K31ac), or Lysine 91 (K91) in Histone H4.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-61559**

---

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB21-2011PEP	Histone H4 [Monomethyl Arg3] 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-61559](http://www.novusbio.com/reviews/submit/NBP2-61559)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

