

# Product Datasheet

## Histone H3 [Crotonyl Lys9] Antibody (RM339) - Azide and BSA Free NBP3-26032

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/NBP3-26032](http://www.novusbio.com/NBP3-26032)

Updated 9/12/2024 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/NBP3-26032](http://www.novusbio.com/reviews/destination/NBP3-26032)



**NBP3-26032**

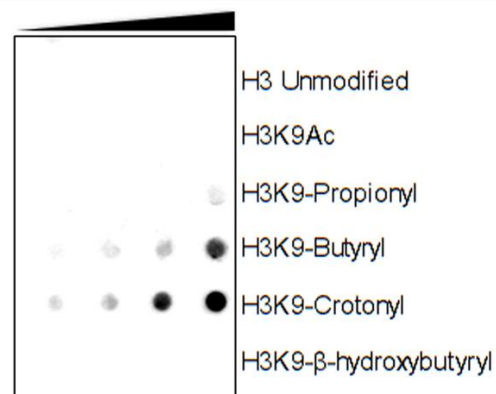
Histone H3 [Crotonyl Lys9] Antibody (RM339) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM339
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	126961
Gene Symbol	H3C14
Species	Human, Vertebrate
Specificity/Sensitivity	This Histone H3 [Crotonyl Lys9] antibody (RM339) reacts to Histone H3 crotonylated at Lysine 9, and does not cross-react with acetylated or butyrylated Lysine 9. No cross reactivity with other crotonylated Lysines in Histone H3
Immunogen	This Histone H3 [Crotonyl Lys9] antibody (RM339) was raised against a crotonyl-peptide corresponding to Histone H3 [Crotonyl Lys9].
Product Application Details	
Applications	Western Blot, Dot Blot, Multiplex Immunoassay
Recommended Dilutions	Western Blot 1 ug/ml - 5 ug/ml, Dot Blot 0.5 ug/ml - 2 ug/ml, Multiplex Immunoassay 0.05 ug/ml - 0.5 ug/ml

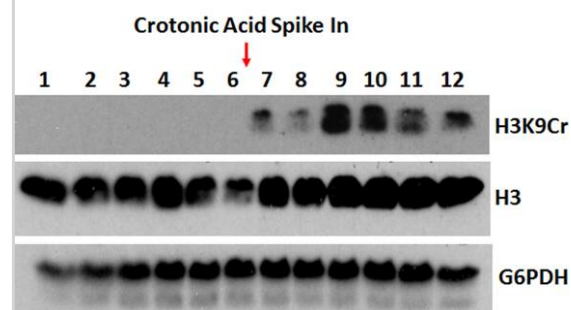


## Images

**Dot Blot: Histone H3 [Crotonyl Lys9] Antibody (RM339) - Azide and BSA Free [NBP3-26032]** - A Peptide dotblot showing RM339 reacts specifically to Histone H3 crotonylated at Lysine 9 (H3K9-Crotonyl), and RM339's cross-reactivity with different peptides.



**Western Blot: Histone H3 [Crotonyl Lys9] Antibody (RM339) - Azide and BSA Free [NBP3-26032]** - Western Blot using Clone RM339 against Histone H3 [Crotonyl Lys9] (H3K9Cr). Anti-Histone H3 and anti-G6PDH were used as controls. A crotonylation inducing metabolite was used to increase the H3K9cr signal.





### **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 NBP3-26032**

---

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB21-1142PEP	Histone H3 [Dimethyl Lys18] 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/NBP3-26032](http://www.novusbio.com/reviews/submit/NBP3-26032)

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

