

# Product Datasheet

## **Histone H3 [Sym-dimethyl Arg2, Dimethyl Lys4] Antibody [DyLight 550] NB21-1202R**

Unit Size: 0.05 ml

Store at 4C in the dark.

[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/NB21-1202R](http://www.novusbio.com/NB21-1202R)

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/NB21-1202R](http://www.novusbio.com/reviews/destination/NB21-1202R)



**NB21-1202R**

Histone H3 [Sym-dimethyl Arg2, Dimethyl Lys4] Antibody [DyLight 550]

| Product Information         |                                                                                                                                                                                                                    |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.05 ml                                                                                                                                                                                                            |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                        |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                           |
| Clonality                   | Polyclonal                                                                                                                                                                                                         |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                 |
| Isotype                     | IgG                                                                                                                                                                                                                |
| Conjugate                   | DyLight 550                                                                                                                                                                                                        |
| Purity                      | Immunogen affinity purified                                                                                                                                                                                        |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                 |
| Product Description         |                                                                                                                                                                                                                    |
| Host                        | Rabbit                                                                                                                                                                                                             |
| Gene ID                     | 126961                                                                                                                                                                                                             |
| Gene Symbol                 | H3C14                                                                                                                                                                                                              |
| Species                     | Human, Mouse, C. elegans                                                                                                                                                                                           |
| Reactivity Notes            | Predicted to react with many species including rat, chicken, Xenopus, Drosophila, and plant based on 100% sequence homology.                                                                                       |
| Immunogen                   | This Histone H3 [Dimethyl Lys4, Sym-dimethyl Arg2] antibody was raised against synthetic symmetric dimethylated/dimethylated peptide surrounding Arginine 2 / Lysine 4 of human Histone H3.2 [Swiss Prot# Q71DI3]. |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                  |
| Product Application Details |                                                                                                                                                                                                                    |
| Applications                | Western Blot, Dot Blot, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation (ChIP)                                                                                                              |
| Recommended Dilutions       | Western Blot, Immunocytochemistry/ Immunofluorescence, Dot Blot, Chromatin Immunoprecipitation (ChIP)                                                                                                              |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                             |





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB21-1202R**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| NBP2-24891R        | Rabbit IgG Isotype Control [DyLight 550]                |
| NB21-1101PEP       | Histone H3 [p Thr11] Antibody Blocking Peptide          |
| H00008294-P01-10ug | Recombinant Human HIST1H4I GST (N-Term) Protein         |
| NB21-1251PEP       | Histone H3 [Monomethyl Lys36] 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/NB21-1202R](http://www.novusbio.com/reviews/submit/NB21-1202R)

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

