

# Product Datasheet

## Histone H3 [Trimethyl Lys9] Antibody (6F12-H4) [Allophycocyanin] NBP1-30141APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-30141APC**

Histone H3 [Trimethyl Lys9] Antibody (6F12-H4) [Allophycocyanin]

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Clone                       | 6F12-H4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Isotype                     | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Conjugate                   | Allophycocyanin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity                      | Protein G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Target Molecular Weight     | 15 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene ID                     | 126961                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Symbol                 | H3C14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Species                     | Human, Mouse, Rat, Porcine, C. elegans, Drosophila, Invertebrate, Mammal, Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity Notes            | Predicted to react with most mammalian species. Invertebrate / Blattella germanica (German cockroach) reactivity reported in scientific literature (PMID: 23872316). Porcine reactivity reported in scientific literature (PMID: 25736622)                                                                                                                                                                                                                                                                            |
| Immunogen                   | A synthetic peptide made to an N-terminal region of Histone H3 (between amino acids 1-50). [UniProt# P84243]                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)                                                                                                                                                                                                                                                                                                                                           |
| Recommended Dilutions       | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP)                                                                                                                                                                                                                                                                                                                                           |
| Application Notes           | <p>This Histone H3 [Trimethyl Lys9] (6F12-H4) antibody is useful in Chromatin Immunoprecipitation, ELISA, Immunocytochemistry/Immunofluorescence and Western blot. In WB a band is seen at ~15 kDa. Use in Immunohistochemistry reported in scientific literature (PMID: 23872316)</p> <p>The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.</p> |





### **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 NBP1-30141APC**

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| IC002A             | Mouse IgG1 Isotype Control (11711) [Allophycocyanin]         |
| NBP1-30141R        | Histone H3 [Trimethyl Lys9] Antibody (6F12-H4) [DyLight 550] |
| NB21-1002PEP       | Histone H3 [Asym-dimethyl Arg2] Antibody Blocking Peptide    |
| H00008336-P01-10ug | Recombinant Human HIST1H2AM GST (N-Term) Protein             |

### **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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