

# Product Datasheet

## H4/n Antibody (3E7H2)

### NBP2-52486

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. 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/NBP2-52486](http://www.novusbio.com/NBP2-52486)

Updated 7/23/2020 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/NBP2-52486](http://www.novusbio.com/reviews/destination/NBP2-52486)



**NBP2-52486**

H4/n Antibody (3E7H2)

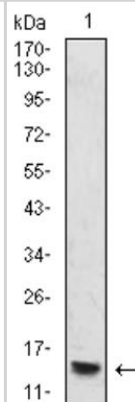
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3E7H2
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	PBS
Target Molecular Weight	11.4 kDa

Product Description	
Host	Mouse
Gene ID	8370
Gene Symbol	HIST2H4A
Species	Human
Immunogen	Synthesized peptide of human HIST2H4A ( AA: GGAKRHRK(Me)VLRDNIQ ).

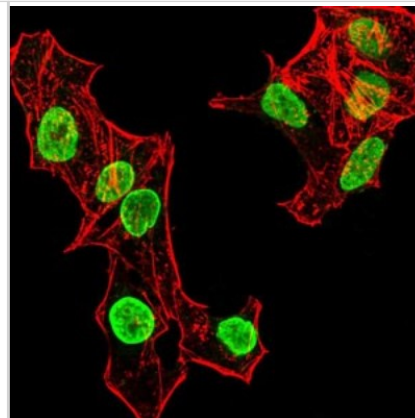
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin, CyTOF-ready
Application Notes	This antibody is Cytof ready.

**Images**

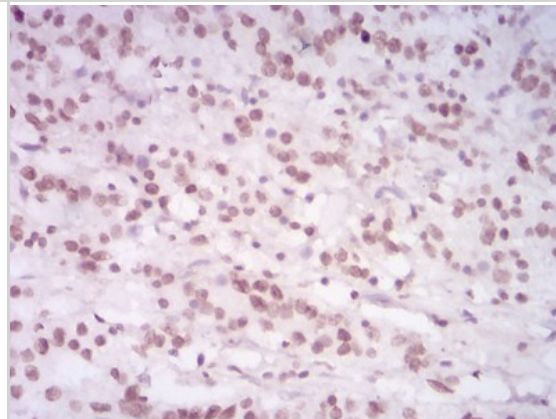
Western Blot: H4/n Antibody (3E7H2) [NBP2-52486] - Analysis using HIST2H4A(20Me) mouse mAb against THP-1 (1) cell lysate.



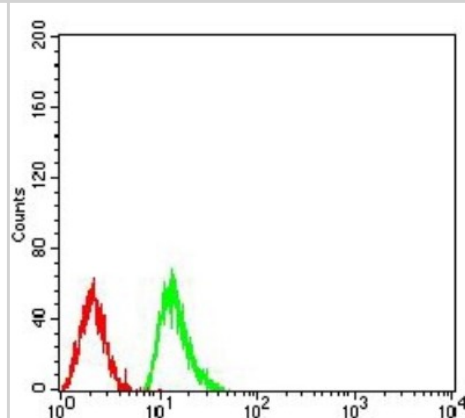
Immunocytochemistry/Immunofluorescence: H4/n Antibody (3E7H2) [NBP2-52486] - Analysis of HeLa cells using HIST2H4A(20Me) mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



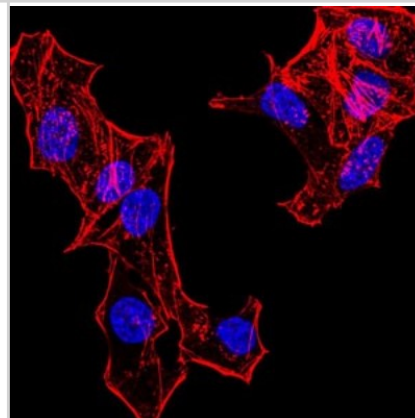
Immunohistochemistry-Paraffin: H4/n Antibody (3E7H2) [NBP2-52486] - Analysis of paraffin-embedded stomach cancer tissues using HIST2H4A (20Me) mouse mAb with DAB staining.



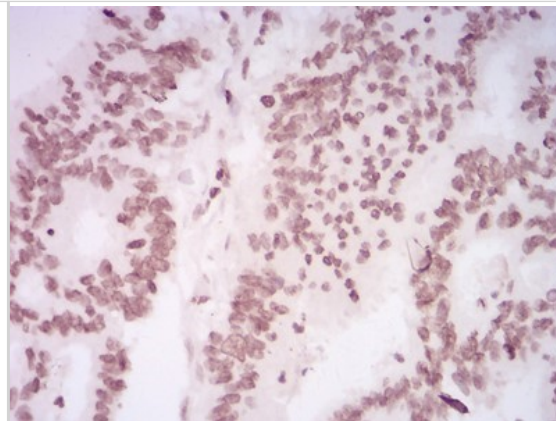
Flow Cytometry: H4/n Antibody (3E7H2) [NBP2-52486] - Analysis of Raji cells using HIST2H4A(20Me) mouse mAb (green) and negative control (red).



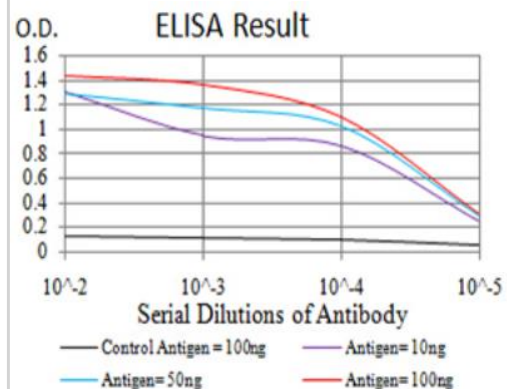
Immunocytochemistry/Immunofluorescence: H4/n Antibody (3E7H2) [NBP2-52486] - Analysis of HeLa cells. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Immunohistochemistry: H4/n Antibody (3E7H2) [NBP2-52486] - Analysis of paraffin-embedded rectum cancer tissues using HIST2H4A(20Me) mouse mAb with DAB staining.



ELISA: H4/n Antibody (3E7H2) [NBP2-52486] - Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng).





### 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  
novus@novusbio.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: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### Products Related to NBP2-52486

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00008370-Q01-10ug	Recombinant Human H4/n 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.

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/NBP2-52486](http://www.novusbio.com/reviews/submit/NBP2-52486)

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

