

# Product Datasheet

## Histone H4 Antibody NB21-2088AF647

Unit Size: 50 Tests

Store at 4C in the dark.

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Updated 3/16/2014 v.20.1

**NB21-2088AF647**

Histone H4 [Monomethyl Lys20] Antibody [Alexa Fluor (R) 647]

Product Information	
Unit Size	50 Tests
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	No Preservative
Conjugate	Alexa Fluor (R) 647
Purity	Immunogen affinity purified
Buffer	50 mM Sodium Borate

Product Description	
Host	Rabbit
Gene ID	121504
Gene Symbol	HIST4H4
Species	Human, Mouse, C. elegans
Species Reactivity	Human, mouse, and C. elegans. Predicted to react with many species including rat, chicken, Xenopus, Drosophila, and plant based on 100% sequence homology.
Marker	H4K20me1
Immunogen	Synthetic monomethylated peptide surrounding Lysine 20 of human Histone H4 [Swiss Prot P62805].
Notes	<p>Optimal dilution of this antibody should be experimentally determined.</p> <p>This product is provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a>.</p>

Product Application Details	
Applications	Western Blot, Chromatin Immunoprecipitation, Dot Blot, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Chromatin Immunoprecipitation, Dot Blot, Immunocytochemistry/Immunofluorescence, Western Blot



**Application Notes**

This Histone H4 K20me1 antibody is useful for Immunocytochemistry/Immunofluorescence ,ChIP, Dot blot, and Western blot where a band is seen ~13kDa.





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### **Products Related to NB21-2088AF647**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
NB21-2088AF700	Histone H4 [Monomethyl Lys20] Antibody [Alexa Fluor (R) 700]
NB21-2103PEP	Histone H4 [Trimethyl Lys44] Peptide
NB21-2090PEP	Histone H4 [Trimethyl Lys20] Peptide

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### **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 guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee).**

