

# Product Datasheet

## Histone H3 [Monomethyl Lys4] Antibody NB100-2209

Unit Size: 0.05 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-2209****Histone H3 [Monomethyl Lys4] Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.9% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	10mM PBS (pH 7.4)
<b>Target Molecular Weight</b>	16 kDa

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	126961
<b>Gene Symbol</b>	H3C14
<b>Species</b>	Human, Mouse, Rat, Bovine, Drosophila
<b>Reactivity Notes</b>	Cross-reacts with Human, Drosophila, Mouse, Bovine and Rat.
<b>Specificity/Sensitivity</b>	Detects a band at approximately 17kDa. Partial or no inhibition is observed with the di-methylated histone H3 [diMe-Lys4 ] peptide (human, amino acids 1-8) and the non-methylated histone H3 peptide (human, amino acids 1-8).
<b>Immunogen</b>	Synthetic methylated peptide corresponding to amino acid 1-8 (Me-Lys4) at the N-terminus of human histone H3, conjugated to KLH. The sequence is identical in many species including mouse, rat, bovine, chicken, frog, Drosophila, C. elegans, tetrahymena, and Arabidopsis thaliana histone H3.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Chromatin Immunoprecipitation, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.5-1 ug/ml, Chromatin Immunoprecipitation 1:10-1:500, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500





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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.

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