

# Product Datasheet

## **Histone H2B, member S [p Ser14] Antibody (C.15200186) - BSA Free NBP2-62794**

Unit Size: 50 ug

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

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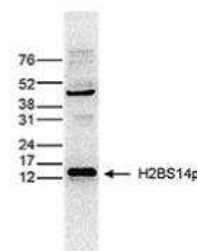
**NBP2-62794**

Histone H2B, member S [p Ser14] Antibody (C.15200186) - BSA Free

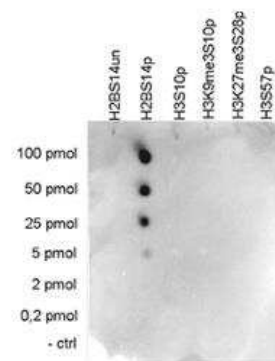
<b>Product Information</b>	
<b>Unit Size</b>	50 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	C.15200186
<b>Preservative</b>	0.05% Sodium Azide and 0.05% ProClin 300
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Histone H2B, member S [p Ser14] Antibody (C.15200186) - BSA Free (NBP2-62794) is a monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	54145
<b>Gene Symbol</b>	H2BFS
<b>Species</b>	Human
<b>Immunogen</b>	Histone H2B containing the phosphorylated Serine 14 (H2BS14p)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Dot Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:200, ELISA 1:100, Dot Blot 1:2000

## Images

**Western Blot:** Histone H2B, member S [p Ser14] Antibody (C.15200186) [NBP2-62794] - HeLa cells were treated with colcemid to block the cell cycle in metaphase and histone extracts of these cells were analysed using the antibody against H2BS14p.

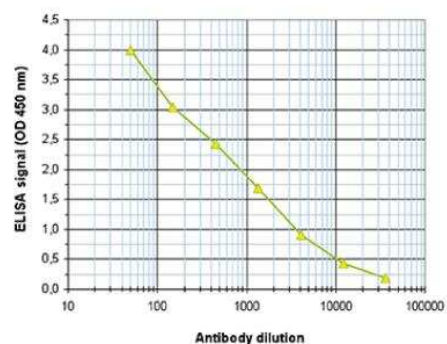


**Dot Blot:** Histone H2B, member S [p Ser14] Antibody (C.15200186) [NBP2-62794] - To test the cross reactivity of the antibody against H2BS14p, an analysis was performed with peptides containing other histone phosphorylations and the unmodified H2BS14. One hundred to 0.2 pmol of the respective peptides were spotted on a membrane. This figure shows a high specificity of the antibody for the modification of interest.



**ELISA:** Histone H2B, member S [p Ser14] Antibody (C.15200186) [NBP2-62794] - To determine the titer of the antibody, analysis was performed using a serial dilution of the antibody against H2BS14p. The antigen used was a peptide containing the histone modification of interest. By plotting the absorbance against the antibody dilution, the titer of the antibody was estimated to be 1:2,000.

ELISA using the Diagenode antibody against H2BS14p





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### **Products Related to NBP2-62794**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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