

# Product Datasheet

## Histone H2AX Antibody (CL5157)

### NBP3-21157-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-21157-100ul****Histone H2AX Antibody (CL5157)**

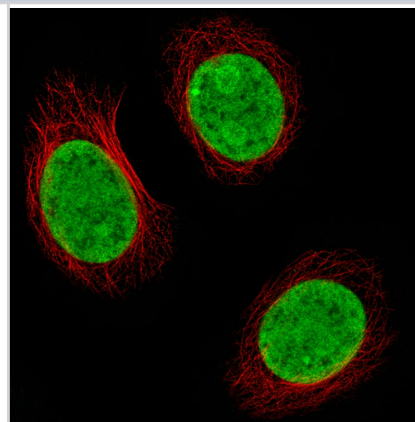
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL5157
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS, pH 7.2, 40% glycerol

<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3014
<b>Gene Symbol</b>	H2AX
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed using a synthetic peptide derived from P16104, with the exact immunogen sequence remaining proprietary.

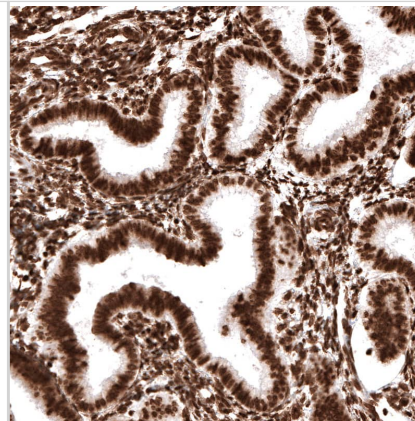
<b>Product Application Details</b>	
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:20000 - 1:50000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:20000 - 1:50000
<b>Application Notes</b>	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

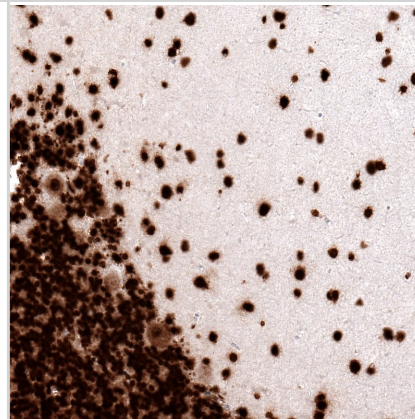
Staining of MCF7 cells using the Anti-H2AFX monoclonal antibody, showing specific staining in nucleoplasm and nucleoli in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



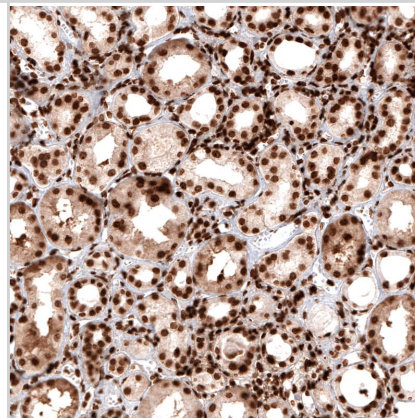
Staining of human endometrium shows strong nuclear immunoreactivity in glandular and stromal cells.



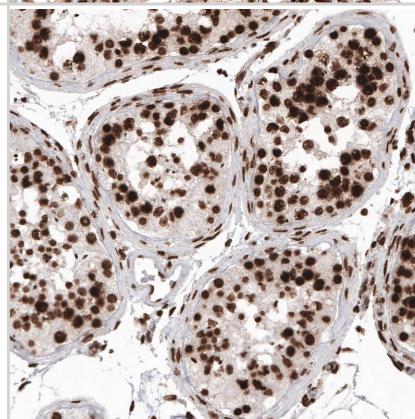
Staining of human cerebellum shows strong nuclear immunoreactivity in neuronal and glial cells.



Staining of human kidney shows strong nuclear positivity in renal tubules cells.



Staining of human testis shows strong nuclear positivity in cells in seminiferous tubules.





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### **Products Related to NBP3-21157-100ul**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP1-42464	Recombinant Human Histone H2AX His Protein

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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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