

# Product Datasheet

## Chk2 Antibody (CL9440) - BSA Free NBP2-88933

Unit Size: 100 ul

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

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**NBP2-88933**

Chk2 Antibody (CL9440) - BSA Free

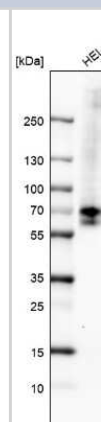
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL9440
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

Product Description	
<b>Description</b>	Novus Biologicals Mouse Chk2 Antibody (CL9440) - BSA Free (NBP2-88933) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	11200
<b>Gene Symbol</b>	CHEK2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (86%)
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from O96017, with the exact immunogen sequence remaining proprietary.

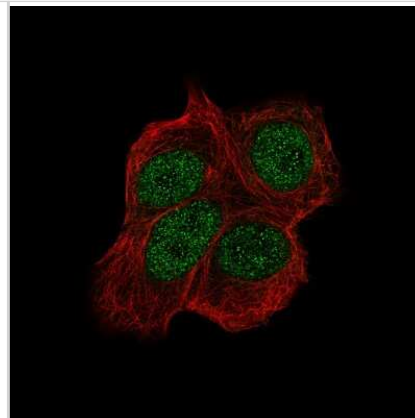
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization. For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

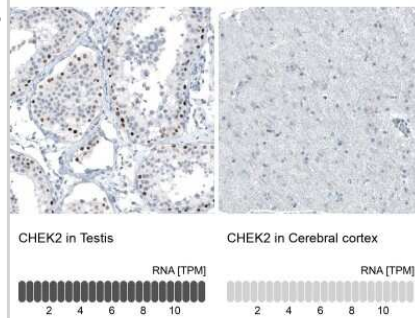
Western Blot: Chk2 Antibody (CL9440) [NBP2-88933] - Analysis in human cell line HEL.



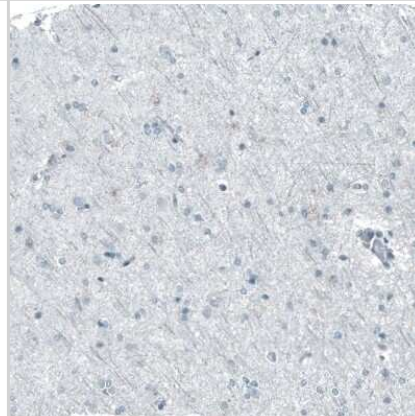
Immunocytochemistry/Immunofluorescence: Chk2 Antibody (CL9440) [NBP2-88933] - Staining of MCF7 cells using the Anti-CHEK2 monoclonal antibody, showing specific staining in the nucleus in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



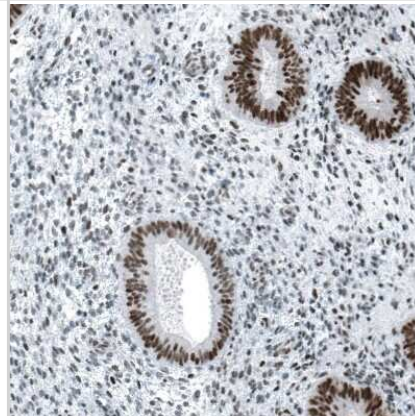
Immunohistochemistry-Paraffin: Chk2 Antibody (CL9440) [NBP2-88933] - Analysis in human testis and cerebral cortex tissues using NBP2-88933 antibody. Corresponding CHEK2 RNA-seq data are presented for the same tissues.



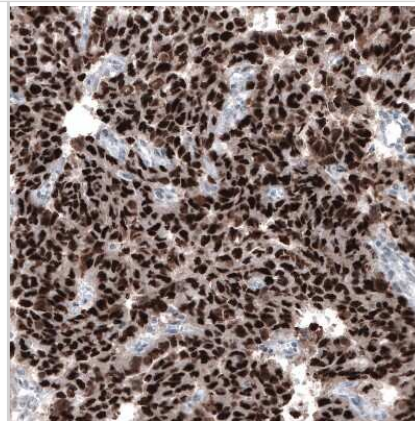
Immunohistochemistry-Paraffin: Chk2 Antibody (CL9440) [NBP2-88933] - Staining of human cerebral cortex shows no positivity in neurons as expected.



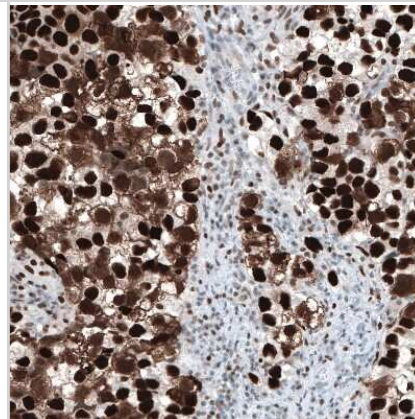
Immunohistochemistry-Paraffin: Chk2 Antibody (CL9440) [NBP2-88933] - Staining of human endometrium shows strong nuclear positivity in glandular cells.



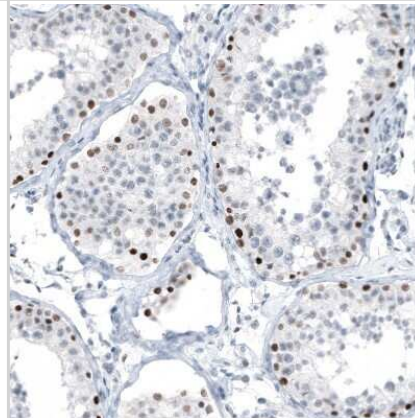
Immunohistochemistry-Paraffin: Chk2 Antibody (CL9440) [NBP2-88933]  
- Staining of human human embryonal carcinoma of testis shows strong nuclear positivity.



Immunohistochemistry-Paraffin: Chk2 Antibody (CL9440) [NBP2-88933]  
- Staining of human testis cancer, seminoma shows strong nuclear positivity.



Immunohistochemistry-Paraffin: Chk2 Antibody (CL9440) [NBP2-88933]  
- Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.





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### **Products Related to NBP2-88933**

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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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