

# Product Datasheet

## Rad21 Antibody NBP2-20053

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

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**NBP2-20053**

## Rad21 Antibody

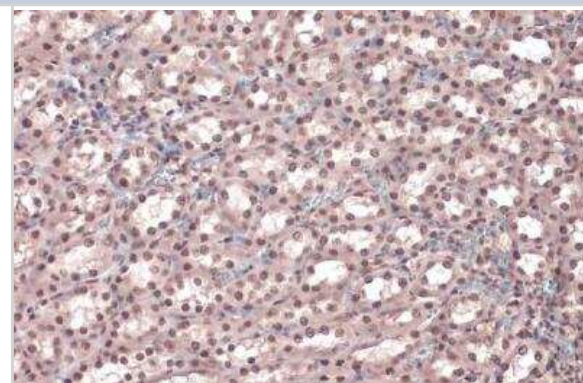
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Target Molecular Weight</b>	72 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Rad21 Antibody (NBP2-20053) is a polyclonal antibody validated for use in IHC, WB, ICC/IF, IP and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5885
<b>Gene Symbol</b>	RAD21
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Xenopus laevis (90%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human Rad21. The exact sequence is proprietary.

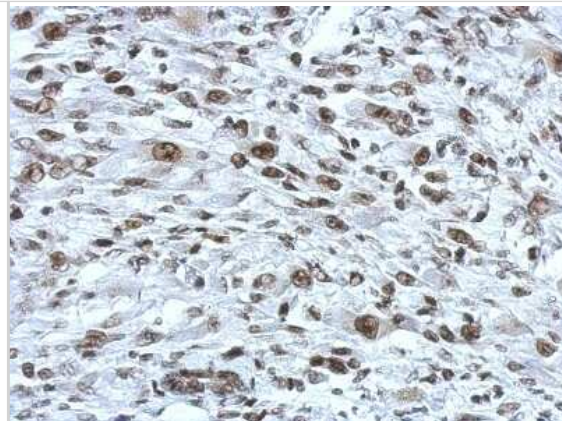
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Chromatin Immunoprecipitation (ChIP) Assay dependent

**Images**

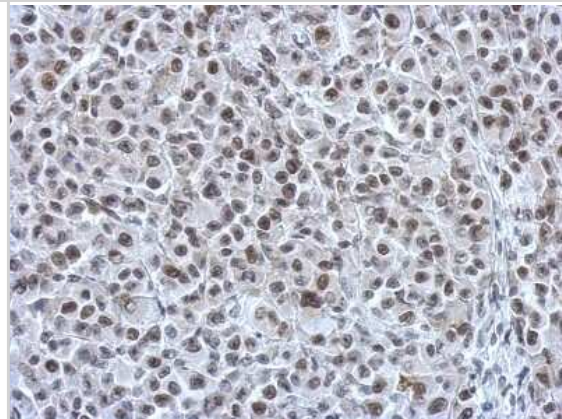
Immunohistochemistry-Paraffin: Rad21 Antibody [NBP2-20053] - Rat kidney. Rad21 stained by Rad21 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



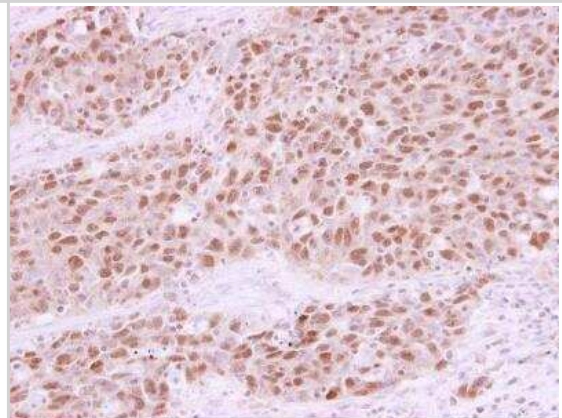
Immunohistochemistry-Paraffin: Rad21 Antibody [NBP2-20053] - C2C12 xenograft, using RAD21 antibody at 1:750 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



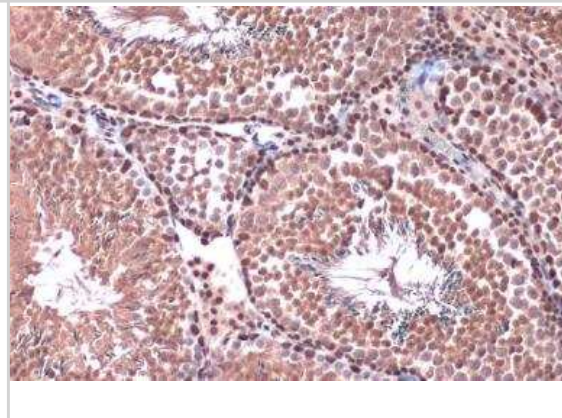
Immunohistochemistry-Paraffin: Rad21 Antibody [NBP2-20053] - HBL435 xenograft, using RAD21 antibody at 1:750 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



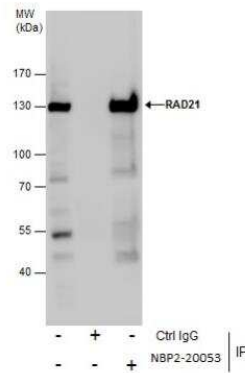
Immunohistochemistry-Paraffin: Rad21 Antibody [NBP2-20053] - Paraffin-embedded human lung papillary adenocarcinoma. RAD21 antibody diluted at 1:250.



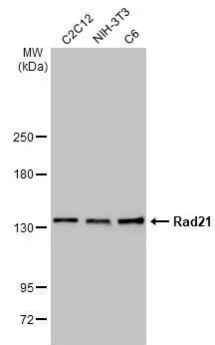
Immunohistochemistry-Paraffin: Rad21 Antibody [NBP2-20053] - Mouse testis. Rad21 stained by Rad21 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



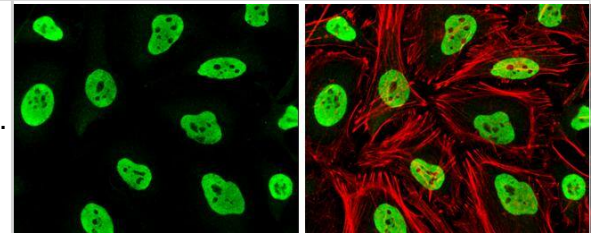
Immunoprecipitation: Rad21 Antibody [NBP2-20053] - Jurkat whole cell extracts using 5 ug of RAD21 antibody. Western blot analysis was performed using RAD21 antibody. EasyBlot anti-Rabbit IgG was used as a secondary reagent.



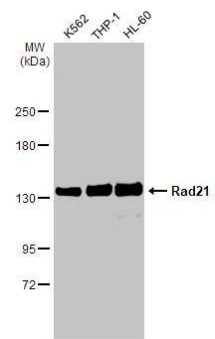
Western Blot: Rad21 Antibody [NBP2-20053] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Rad21 antibody (NBP2-20053) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Rad21 antibody detects Rad21 protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Rad21 stained by Rad21 antibody (NBP2-20053) diluted at 1:1000. Red: phalloidin, a cytoskeleton marker, diluted at 1:100.



Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Rad21 antibody (NBP2-20053) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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### **Products Related to NBP2-20053**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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