

# Product Datasheet

## **RAD52 Antibody** **NBP2-58116**

Unit Size: 100 ul

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

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Updated 7/28/2024 v.20.1

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**NBP2-58116****RAD52 Antibody**

<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>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

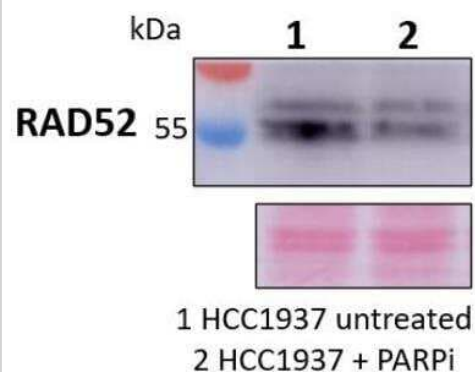
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	5893
<b>Gene Symbol</b>	RAD52
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: ILGGRDShPAAGGGSVLCFGQCQYTAEYQAIQKALRQRLGPEYISSRMAGG GQKVCYIEGHRVINLANEMFGYNGWAHSITQQNVDFVDLNNGKFYVGVCAFV RVQLKDGSYHEDVGYGVSE

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot Use in WB, ICC/IF, KD reported in scientific publication (PMID: 32690953). , Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Knockdown Validated
<b>Application Notes</b>	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

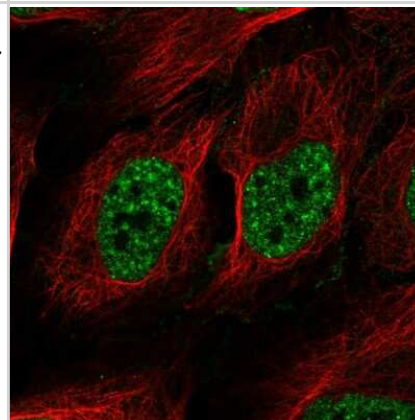


## Images

Western Blot: RAD52 Antibody [NBP2-58116] - HCC1937 human breast cancer cells untreated (1) and treated with a PARP inhibitor for 96 h (2). Two RAD52 bands can be appreciated at around 55 kDa. Ponceau red staining is used as total protein loading control (below). Primary antibody dilution 1:500 (overnight, 4C, rotation). Image from verified customer review.



Immunocytochemistry/Immunofluorescence: RAD52 Antibody [NBP2-58116] - Staining of human cell line U-2 OS shows localization to nuclear speckles. Antibody staining is shown in green.



## Publications

Volcic M, Sparrer KMJ, Koepke L et al. Vpu modulates DNA repair to suppress innate sensing and hyper-integration of HIV-1 Nat Microbiol 2020-07-20 [PMID: 32690953] (ICC/IF, KD, WB, Human)



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### **Products Related to NBP2-58116**

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NBP2-58116PEP	RAD52 Recombinant Protein Antigen
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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