

# Product Datasheet

## Rad51C Antibody (2H11/6) - Azide and BSA Free NBP2-80923

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NBP2-80923**

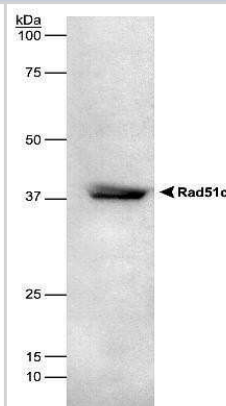
Rad51C Antibody (2H11/6) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	2H11/6
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	40 kDa
Product Description	
Host	Mouse
Gene ID	5889
Gene Symbol	RAD51C
Species	Human, Mouse, Primate, Yeast
Immunogen	His-tagged human Rad51C, over-expressed in E. coli. [UniProt# O43502]
Product Application Details	
Applications	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000, Simple Western 1:100, Flow Cytometry 1 ug per million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin reported in scientific literature (PMID 23512992), CyTOF-ready
Application Notes	<p>In WB, a band can be seen at approx. 40 kDa. Preliminary feedback has been negative for Immunofluorescence on 4% PFA-fixed human cell lines (H1299 and MCF7).</p> <p>In Simple Western only 10 - 15 ul of the recommended dilution is used per data point. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: antibody dilution of 1:100. Separated by Size-Wes, Sally Sue/Peggy Sue. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors. This antibody is CyTOF ready.</p>

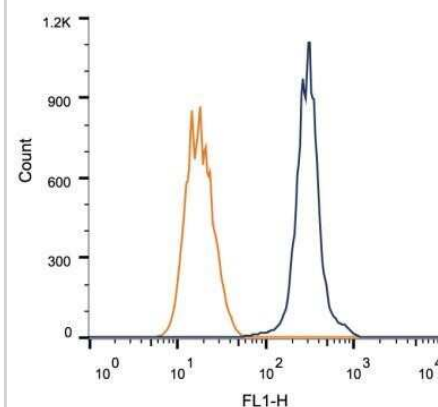


## Images

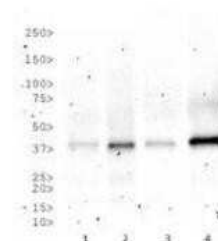
Western Blot: Rad51C Antibody (2H11/6) - Azide and BSA Free [NBP2-80923] - Rad51C detected in HEK293 lysate using NB 100-177. Photo courtesy of B.T. Bennett & K. Knight, University of Massachusetts Medical School. Image from the standard format of this antibody.



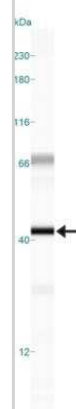
Flow Cytometry: Rad51C Antibody (2H11/6) - Azide and BSA Free [NBP2-80923] - Intracellular flow cytometric staining of  $1 \times 10^6$  HeLa cells using Rad51C antibody (dark blue). Isotype control shown in orange. An antibody concentration of 1  $\mu\text{g}/1 \times 10^6$  cells was used. Image from the standard format of this antibody.



Western Blot: Rad51C Antibody (2H11/6) - Azide and BSA Free [NBP2-80923] - Analysis of RAD51c in 1) HeLa WCE 2) HepG2 WCE 3) Cos-7 WCE 4) Hek293 WCE. Image from the standard format of this antibody.



Simple Western: Rad51C Antibody (2H11/6) - Azide and BSA Free [NBP2-80923] - Lane view shows a specific band for Rad51C in 0.5 mg/ml of HepG2 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. Image from the standard format of this antibody.





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### **Products Related to NBP2-80923**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00005889-P01-10ug	Recombinant Human Rad51C GST (N-Term) Protein

### **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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