

Product Datasheet

Rad51 Antibody H00005888-D01P

Unit Size: 0.1 mg

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

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H00005888-D01P

Rad51 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

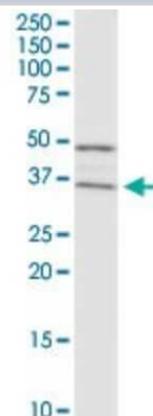
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Rabbit
Gene ID	5888
Gene Symbol	RAD51
Species	Human, Mouse
Specificity/Sensitivity	RAD51 - RAD51 homolog (RecA homolog, E. coli) (S. cerevisiae),
Immunogen	RAD51 (NP_002866.2, 1 a.a. - 339 a.a.) full-length human protein. MAMQMQLEANADTSVEEESFGPQPISRLEQCGINANDVKKLEEAGFHTVEAVA YAPKKELINIKGISEAKADKILAEAAKLVPMTTATEFHQRRSEIIQITGSKELD KLLQGGIETGSITEMFGEFRTGKTQICHTLAVTCQLPIDRGGGEGKAMYIDTEG TFRPERLLAVAERYGLSGSDVLDNVAYARAFNTDHTQQLLYQASAMMVESRY ALLIVDSATALYRTDYSGRGELSARQMHLARFLRMLLRLADEFVAVVITNQVV AQVDGAAMFAADPKKPIGGNIIAHASTTRLYLRKGRGETRICKIYDSPCLPEAEA MFAINADGVGDAKD
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Proximity Ligation Assay
Recommended Dilutions	Western Blot, Proximity Ligation Assay
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.

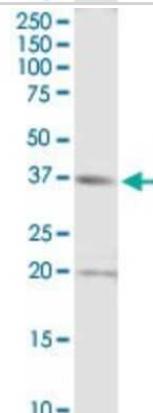


Images

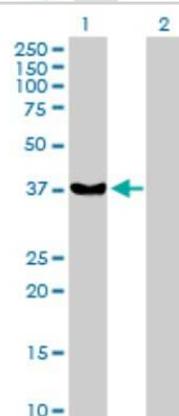
Western Blot: Rad51 Antibody [H00005888-D01P] - Analysis of RAD51 expression in NIH/3T3.



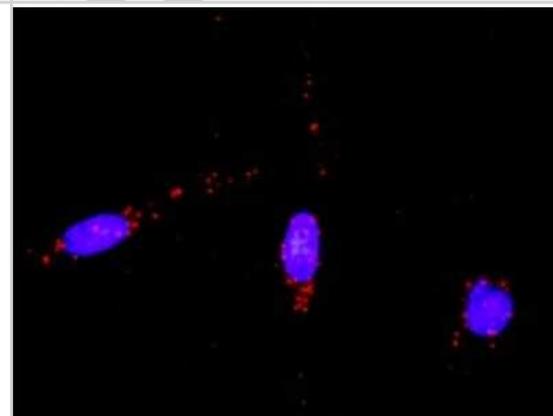
Western Blot: Rad51 Antibody [H00005888-D01P] - Analysis of RAD51 expression in IMR-32.



Western Blot: Rad51 Antibody [H00005888-D01P] - Analysis of RAD51 expression in transfected 293T cell line by RAD51 polyclonal antibody. Lane 1: RAD51 transfected lysate(37.00 KDa). Lane 2: Non-transfected lysate.



Proximity Ligation Assay: Rad51 Antibody [H00005888-D01P] - Analysis of protein-protein interactions between RAD51 and CASP3. HeLa cells were stained with anti-RAD51 rabbit purified polyclonal 1:1200 and anti-CASP3 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Publications

Shammas MA, Shmookler Reis RJ, Koley H et al. Dysfunctional homologous recombination mediates genomic instability progression in myeloma. *Blood* 2009;113(10):2290-2297 [PMID: 19050310]



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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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