

Mouse anti-Human RAD51C Monoclonal Antibody | anti-RAD51C antibody

RAD51C (DNA Repair Protein RAD51 Homolog 3, R51H3, RAD51 Homolog C, RAD51-like Protein 2, MGC104277, RAD51L2) (AP)

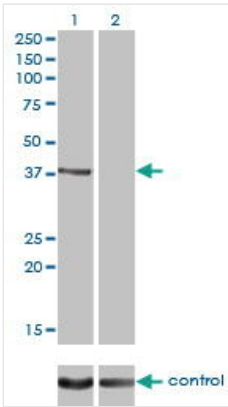
CATALOG # AAA24335	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

RAD51C; Monoclonal Antibody; RAD51C (DNA Repair Protein RAD51 Homolog 3; R51H3; RAD51 Homolog C; RAD51-like Protein 2; MGC104277; RAD51L2) (AP); anti-RAD51C antibody

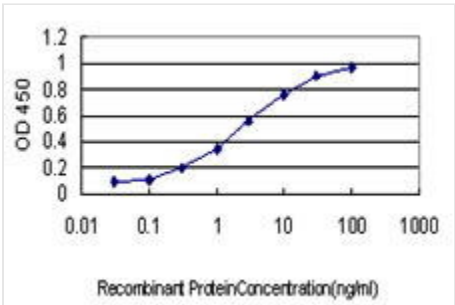
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3F3-5C6
Specificity	Recognizes human RAD51C.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Applicable Applications for anti-RAD51C antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to human RAD51C, aa1-135 (AAH00667) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MRGKTRFEMQRDLVSFPLSPAVRVKLVSAAGFQTAEELLEVPSELSKEVGISKAEALETLQIIRRECLTNKPRYAGTSESHKKCTALELLEQEHTQGFIITP
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to use. Product is made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.



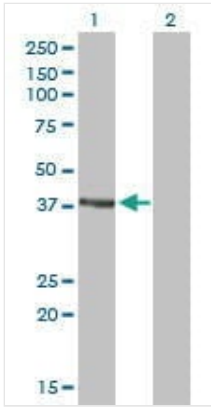
WB (Western Blot)

Western blot analysis of RAD51C over-expressed 293 cell line, cotransfected with RAD51C Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with RAD51C monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



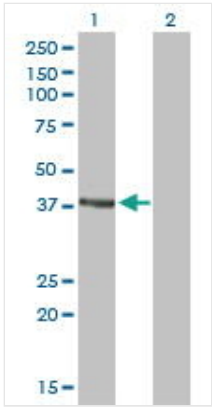
Application Data

Detection limit for recombinant GST tagged RAD51C is ~0.1ng/ml as a capture antibody.



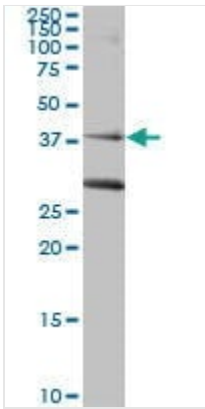
IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to RAD51C on HeLa cell. [antibody concentration 10ug/ml]



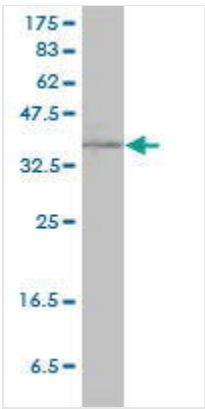
WB (Western Blot)

Western Blot analysis of RAD51C expression in transfected 293T cell line by RAD51C monoclonal antibody. Lane 1: RAD51C transfected lysate (42.2kD). Lane 2: Non-transfected lysate.



WB (Western Blot)

RAD51C monoclonal antibody. Western Blot analysis of RAD51C expression in 293.



WB (Western Blot)

RAD51C monoclonal antibody. Western Blot analysis of RAD51C expression in HeLa.

ADDITIONAL INFORMATION

Product Categories/Family for anti-RAD51C antibody	Antibodies; DNA Replication; Repair
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37588981
NCBI GeneID	5889
Molecular Weight	14,883 Da
NCBI Official Full Name	Homo sapiens RAD51 homolog C (S. cerevisiae), mRNA
NCBI Official Synonym Full Names	RAD51 paralog C
NCBI Official Symbol	RAD51C
NCBI Official Synonym Symbols	FANCO; R51H3; BROVCA3; RAD51L2
NCBI Protein Information	DNA repair protein RAD51 homolog 3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/rad51c-antibody-clone-3f3-5c6-western-blot-elisa/24335>