

Mouse RAD51B Monoclonal Antibody | anti-RAD51B antibody

RAD51B antibody

CATALOG # AAA108153	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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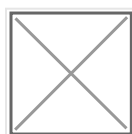
PRODUCT SYNONYMS

RAD51B; Monoclonal Antibody; RAD51B antibody; Monoclonal RAD51B; Anti-RAD51B; RAD51 like 1; R51H2; REC2; hREC2; MGC34245; DNA repair protein RAD51 homolog 2; Recombination repair protein; RADB 51; RADB-51; anti-RAD51B antibody

PRODUCT SPECIFICATIONS

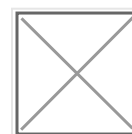
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7H4
Purity/Purification	RAD51B antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Applicable Applications for anti-RAD51B antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	RAD51B is a member of the RAD51 protein family. RAD51 family members are evolutionarily conserved proteins essential for DNA repair by homologous recombination. This protein has been shown to form a stable heterodimer with the family member RAD51C, which further interacts with the other family members, such as RAD51, XRCC2, and XRCC3. Overexpression of this gene was found to cause cell cycle G1 delay and cell apoptosis, which suggested a role of this protein in sensing DNA damage.
Cross-Reactivity	Human
Immunogen	RAD51B antibody was raised in mouse using a human recombinant protein fragment corresponding to amino acids 119-346 of human RAD51L1 (NP_598193) produced in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant RAD51B protein using RAD51B antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant RAD51B protein (Right) or empty vector (Left) detected with RAD51B antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant RAD51B protein (red) or empty vector (blue) stained using RAD51B antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RAD51B antibody	Mouse monoclonal RAD51B antibody
Product Categories/Family for anti-RAD51B antibody	DNA & RNA

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rad51b-antibody-clone-7h4-western-blot-immunofluorescence-flow-cytometry-elisa/108153>