

Rad51 Rabbit mAb

Catalog No: #58706

Package Size: #58706-1 50ul #58706-2 100ul

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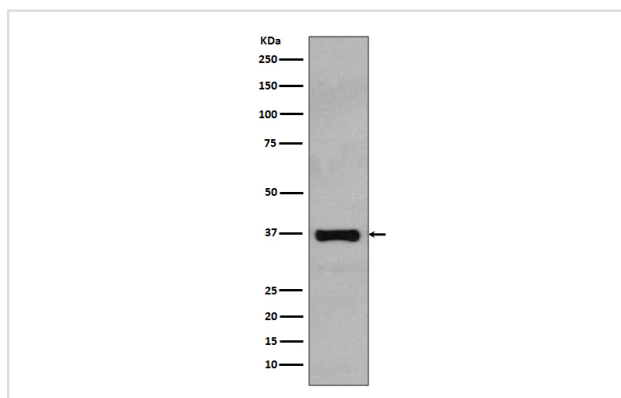
Description

Product Name	Rad51 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB FC IP
Species Reactivity	Human Mouse Rat
Specificity	Rad51 Antibody detects endogenous levels of total Rad51
Immunogen Description	A synthesized peptide derived from human Rad51
Other Names	RAD51; BRCC5; MRMV2; RECA; DNA repair protein rhp51;RAD51; BRCC5; MRMV2; RECA; DNA repair protein rhp51;
Accession No.	Uniprot:Q06609
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Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:500~1:2000 IP 1:50 FC 1:50

Images



Western blot analysis of Rad51 expression in HeLa cell lysate.

Product Description

Rad51 is a recombinase that is essential for homologous recombination and double-strand break repair. It binds to single and double-stranded DNA, and has DNA-dependent ATPase activity. Rad51 unwinds duplex DNA and forms helical nucleoprotein filaments in a manner that is controlled through the action of DNA helicases that counteract nucleofilament formation. Rad51 interacts with BRCA1 and BRCA2, and also plays a role in p53-mediated signalling. Interaction of Rad51 with Chk1 kinase may occur in response to Chk1 phosphorylation.

Background

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Note: This product is for in vitro research use only