

Product Datasheet

Rad51 Antibody

Catalog No: CY5297

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IP FC



www.abways.com

Information

UniProt ID: Q06609

All Names: RAD51; BRCC5; MRMV2; RECA; DNA repair protein rhp51;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 36 kDa

Application

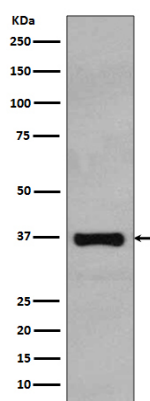
WB: 1:500~1:2000

IP: 1:50

FC: 1:50

Background

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.



Western blot analysis of Rad51 expression in HeLa cell lysate.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com