

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Rad51 (T309) Peptide

Cat No.: BS3729P

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

Swiss-Prot

Q06609

Applications

Blocking

Specificity

This peptide can be used with studies using BS3729 Rad51 (T309) pAb.

Purification & Purity

Synthetic peptide Rad51 (T309). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.