

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Rad51C (E185) Peptide

Cat No.: BS2421P

Background

The process of homologous recombination is a major DNA repair pathway that operates on DNA double-strand breaks to promote error-free repair. Human Rad51 protein assembles on a DNA molecule through cooperative binding and forms a long filament for homologous recombination. In addition to Rad51 protein, five paralogs have been identified in vertebrates, Rad51B, Rad51C, Rad51D, Xrcc2 and Xrcc3. Rad51C binds single- and double-stranded DNA and preferentially binds 3'-end-tailed double-stranded DNA. Rad51C is expressed in a variety of tissues, with highest expression in testis, heart muscle, spleen and prostate.

Swiss-Prot

O43502

Applications

Blocking

Specificity

This peptide can be used with studies using BS2421 Rad51C (E185) pAb.

Purification & Purity

Synthetic peptide Rad51C (E185). (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.