

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### FEN1 (A119) Peptide

Cat No.: BS1989P

#### Background

DNA replication, recombination and repair, all of which are necessary for genome stability, require the presence of exonucleases. In DNA replication, these enzymes are involved in the processing of Okazaki fragments, whereas in DNA repair, they function to excise damaged DNA fragments and correct recombinational mismatches. FEN-1 (for flap endonuclease) is an endonuclease that specifically cleaves the 5' flap structure of DNA in the process of DNA repair. FEN-1 is highly homologous to yeast Rad2. The C-terminal region of FEN-1 may bind to PCNA, thus allowing FEN-1 to function as an exonuclease in DNA replication.

#### Swiss-Prot

P39748

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1989 FEN1 (A119) pAb.

#### Purification & Purity

Synthetic peptide FEN1 (A119). (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.