

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Cleaved-PARP-1 (G215) Peptide

Cat No.: BS7045P

#### Background

PARP, a 116 kDa nuclear poly (ADP-ribose) polymerase, appears to be involved in DNA repair in response to environmental stress. This protein can be cleaved by many ICE-like caspases in vitro and is one of the main cleavage targets of caspase-3 in vivo. In human PARP, the cleavage occurs between Asp214 and Gly215, which separates the PARP amino-terminal DNA binding domain (24 kDa) from the carboxy-terminal catalytic domain (89 kDa). PARP helps cells to maintain their viability; cleavage of PARP facilitates cellular disassembly and serves as a marker of cells undergoing apoptosis.

#### Swiss-Prot

P09874

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS7045 Cleaved-PARP-1 (G215) pAb.

#### Purification & Purity

Synthetic peptide Cleaved-PARP-1 (G215). (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.