

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### SSBP1 (Q100) Peptide

Cat No.: BS3012P

#### Background

The single-stranded-DNA-binding proteins (SSBs) are essential for DNA function in prokaryotic and eukaryotic cells, mitochondria, phages and viruses. Mitochondrial single-stranded DNA-binding protein (mtSSB or SSBP1) is necessary for mtDNA replication. SSBP1 is a homotetramer that binds preferentially and cooperatively to single-stranded DNA. It is localized to the mitochondria in normal and neoplastic human tissue of different origin, function, and differentiation, and is likely involved in mitochondrial DNA replication.

#### Swiss-Prot

Q04837

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3012 SSBP1 (Q100) pAb.

#### Purification & Purity

Synthetic peptide SSBP1 (Q100). (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.

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