

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Ku-80 (D708) Peptide

Cat No.: BS1409P

#### Background

The Ku protein is localized in the nucleus and is composed of subunits referred to as Ku-70 (or p70) and Ku-86 (or p86), which is also known by the synonym Ku-80 (or p80). Ku was first described as an autoantigen to which antibodies were produced in a patient with scleroderma-polymyositis overlap syndrome, and was later found in the sera of patients with other rheumatic diseases. Both subunits of the Ku protein have been cloned, and a number of functions have been proposed for Ku, including cell signaling, DNA replication and transcriptional activation.

#### Swiss-Prot

P13010

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1409 Ku-80 (D708) pAb.

#### Purification & Purity

Synthetic peptide Ku-80 (D708). (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.