

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### USP19 Peptide

Cat No.: BS5975P

#### Background

The ubiquitin (Ub) pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub and Ub-like molecules to specific protein substrates. Through the use of a wide range of enzymes that can add or remove ubiquitin, the Ub pathway controls many intracellular processes such as signal transduction, transcriptional activation and cell cycle progression. Ubiquitin-specific-processing protease 19 (USP19), also known as ubiquitin carboxyl-terminal hydrolase 19, ubiquitin thioesterase 19 and deubiquitinating enzyme 19, is a 1318 amino acid member of the peptidase C19 family of proteins. USP19 is thought to be involved in the ubiquitin-dependent proteolytic pathway in conjunction with the 26S proteasome. Four known isoforms of USP19 exist as a result of alternative splicing events.

#### Swiss-Prot

O94966

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS5975 USP19 pAb.

#### Purification & Purity

Synthetic peptide USP19. (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.