

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### uPA (L239) Peptide

Cat No.: BS3454P

#### Background

The human urokinase-type plasminogen activator receptor (uPAR) is a 55-65 kDa, highly glycosylated, GPI-anchored cell surface receptor (the deglycosylated protein is 35 kDa). It is a central player in the plasminogen activation pathway. uPAR binds with high affinity to a serine protease urokinase-type plasminogen activator (uPA) and converts plasminogen to its active form plasmin in a spatially restricted manner on the cell surface. Plasmin further carries out the activation of uPA, which is inhibited by serpins, such as plasminogen activator inhibitors. Therefore, uPAR plays a key role in regulating extracellular proteolysis. In addition, uPAR plays an important role in regulating cell proliferation, adhesion, and mobility. Research studies have shown that overexpression of uPAR is found in various cancer cells and tissues.

#### Swiss-Prot

P00749

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3454 uPA (L239) pAb.

#### Purification & Purity

Synthetic peptide uPA (L239). (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.