

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### FR- $\alpha$ (Y80) Peptide

Cat No.: BS3861P

#### Background

The folate receptors consist of five members,  $\alpha$ ,  $\beta$ ,  $\gamma$ ,  $\gamma'$  (which is produced by alternative splicing) and  $\delta$ .  $\beta$ -FR is attached to the membrane by a GPI anchor and is expressed in malignant tissues of epithelial and nonepithelial origin.  $\gamma$ -FR is expressed in tissues of hematopoietic origin, such as spleen, thymus and bone marrow. The expression pattern of  $\delta$ -FR is elusive, which suggests that it is highly restricted both spatially and temporally. The  $\alpha$  isoform of the folate receptor is used as a highly selective tumor marker and may be targeted for the delivery of therapeutic compounds to tumor cells by coupling to derivatives of folic acid.

#### Swiss-Prot

P15328

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3861 FR- $\alpha$  (Y80) pAb.

#### Purification & Purity

Synthetic peptide FR- $\alpha$  (Y80). (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.