

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Mucin 1 (S1239) Peptide

Cat No.: BS1734P

#### Background

MUC1 is a large cell surface mucin glycoprotein expressed by most glandular and ductal epithelial cells and some hematopoietic cell lineages. It is expressed on most secretory epithelium, including mammary gland and some hematopoietic cells. It is expressed abundantly in lactating mammary glands and overexpressed abundantly in >90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with all four ccbB receptors and localize with erbB1 (EGFR) in lactating glands. The MUC1 gene contains seven exons and produces several different alternatively spliced variants.

#### Swiss-Prot

P15941

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1734 Mucin 1 (S1239) pAb.

#### Purification & Purity

Synthetic peptide Mucin 1 (S1239). (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.