

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Galectin-8 (N82) Peptide

Cat No.: BS2541P

#### Background

Several proteins have been identified as specific markers of prostate cancer, and they may be useful as diagnostic indicators. PSA, prostate specific antigen, is the classical indicator for transformed prostate tissue; however, in addition to being up-regulated in prostate cancer, PSA is also upregulated in non-malignant conditions, such as benign prostatic hyperplasia prostate. Galectin-8, also known as prostate-specific membrane antigen (PCTA-1), is an additional prostate-specific antigen that is overexpressed only in malignant tumors and therefore is a more specific identifier of malignancies. It is a member of the galectin gene family which mediates both cell-cell and cell-matrix interactions in a manner similar to the selectin subgroup of C-type lectins.

#### Swiss-Prot

O00214

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2541 Galectin-8 (N82) pAb.

#### Purification & Purity

Synthetic peptide Galectin-8 (N82). (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.