

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Galectin-1 Peptide

Cat No.: BS5728P

#### Background

Galectins are a family of soluble b-galactoside-binding animal lectins that modulate cell-to-cell adhesion and cell-to-extracellular matrix (ECM) interactions and play a role in tumor progression, pre-mRNA splicing and apoptosis. Specifically, Galectin-1 is an autocrine regulator of cell-proliferation that plays a role in the maintenance of G0 and in the control of G2 traverse. Galectin-1, also known as LGALS1, is the protein product of a single gene linked to human chromosome 22q13.1. The Galectin-1 protein contains 135 amino acids, a single internal EcoRI site and a polyadenylation signal. Galectin-1 can localize to both intracellular and extracellular space. Galectin-1 is expressed in human placenta, human lung, HL-6, HepG2 and CEM cells.

#### Swiss-Prot

P09382

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS5728 Galectin-1 pAb.

#### Purification & Purity

Synthetic peptide Galectin-1. (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.