

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-VE-Cadherin (Y731) Peptide

Cat No.: BS4242 P

#### Background

The cadherins are a family of Ca<sup>2+</sup>-dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. Cadherins each contain a large extracellular domain at the amino-terminus, which is characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. The relatively short carboxy-terminal, intracellular domain interacts with a variety of cytoplasmic proteins, including  $\beta$ -catenin, to regulate cadherin function. VE-cadherin (for vascular endothelial cadherin, also designated cadherin-5) is localized at intercellular junctions of endothelial cells, where it is thought to play a role in the cohesion and organization of intercellular junctions.

#### Swiss-Prot

P33151

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4242 p-VE-Cadherin (Y731) pAb.

#### Purification & Purity

Synthetic peptide p-VE-Cadherin (Y731). (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.