

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### P-cadherin (G78) Peptide

Cat No.: BS2577P

#### Background

The cadherins are a family of Ca<sup>++</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. R-cadherin (for retinal-cadherin, also designated cadherin-4), which was first identified in the retina of chicken, has been shown to be involved in the development of striated muscle and potentially epithelia in addition to its involvement in retinal development.

#### Swiss-Prot

P22223

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2577 P-cadherin (G78) pAb.

#### Purification & Purity

Synthetic peptide P-cadherin (G78). (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.