

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Cadherin-7 (R678) Peptide

Cat No.: BS2225P

#### 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 structure and morphogenesis. Cadherins each contain a large extracellular domain at the N-terminus, which is characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. Cadherin-7 is a member of the atypical type II cadherin family that lacks the HAV cell recognition sequence found in type I cadherins. Although the absence of an HAV sequence decreases cell adhesion specificity, cadherin-7 contributes to cell organization by mediating homophilic cell adhesion in the brain, testis and prostate.

#### Swiss-Prot

Q9ULB5

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2225 Cadherin-7 (R678) pAb.

#### Purification & Purity

Synthetic peptide Cadherin-7 (R678). (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.