

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Cadherin-16 (M810) Peptide

Cat No.: BS2221P

Background

The cadherins are a family of Ca^{2+} -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-16, also known as Ksp-Cadherin, is a type I membrane protein which is kidney-specific. Cadherin-16 is expressed exclusively in the basolateral membrane of renal tubular epithelial cells. The human Ksp-cadherin gene (Cadherin-16) maps to chromosome 16q21-proximal 16q22. The mouse Ksp-cadherin gene was localized to a highly syntenic region of distal Chromosome 8

Swiss-Prot

O75309

Applications

Blocking

Specificity

This peptide can be used with studies using BS2221 Cadherin-16 (M810) pAb.

Purification & Purity

Synthetic peptide Cadherin-16 (M810). (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.