

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### APC (Q2829) Peptide

Cat No.: BS1017P

#### Background

Adenomatous polyposis coli (APC) is a protein that plays a critical role in several cellular processes. APC is a tumor suppressor, regulates cell division, helps ensure that the number of chromosomes in a cell is correct following cell division and associates with other proteins involved in cell attachment and signaling. APC regulates  $\beta$ -catenin levels through Wnt-signaling and is involved in actin cytoskeletal integrity, cell-cell adhesion and cell migration. Defects in this gene cause familial adenomatous polyposis (FAP), an autosomal dominant pre-malignant disease that usually progresses to malignancy. Disease-associated mutations tend to be clustered in a small region designated the mutation cluster region (MCR) and result in a truncated protein product.

#### Swiss-Prot

P25054

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1017 APC (Q2829) pAb.

#### Purification & Purity

Synthetic peptide APC (Q2829). (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.